

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-75038
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Blackjack Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Blackjack Federal L-4-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43013-33921
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 1895' FNL 1998' FEL At proposed prod. zone 2605' FNL 1345' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximatley 13.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 4, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1345' f/lse, 1345' f/unit	16. No. of Acres in lease 535.31	12. County or Parish Duchesne
17. Spacing Unit dedicated to this well 20 Acres	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1360'	13. State UT
19. Proposed Depth 6215'	20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5169' GL	22. Approximate date work will start* 2nd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. RA Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/29/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) BRADLEY G. HILL	Date 03-20-08
Title Environmental Manager	Office ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

Federal Approval of this
Action is Necessary

RECEIVED

MAR 06 2008

DIV. OF OIL, GAS & MINING

584555X

44349014

40.062012

-110.068564

BILL

584755X

44346884

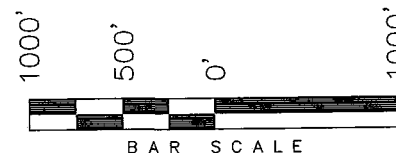
40.060075

-110.066242

T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, BLACKJACK L-4-9-17,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 4, T9S, R17E, S.L.B.&M.
DUCHESNE COUNTY, UTAH.



WELL LOCATION:
BLACKJACK L-4-9-17

ELEV. EXIST. GRADED GROUND = 5169'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W.

REGISTERED LAND SURVEYOR
REGISTRATION No. 100737
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:
12-01-07

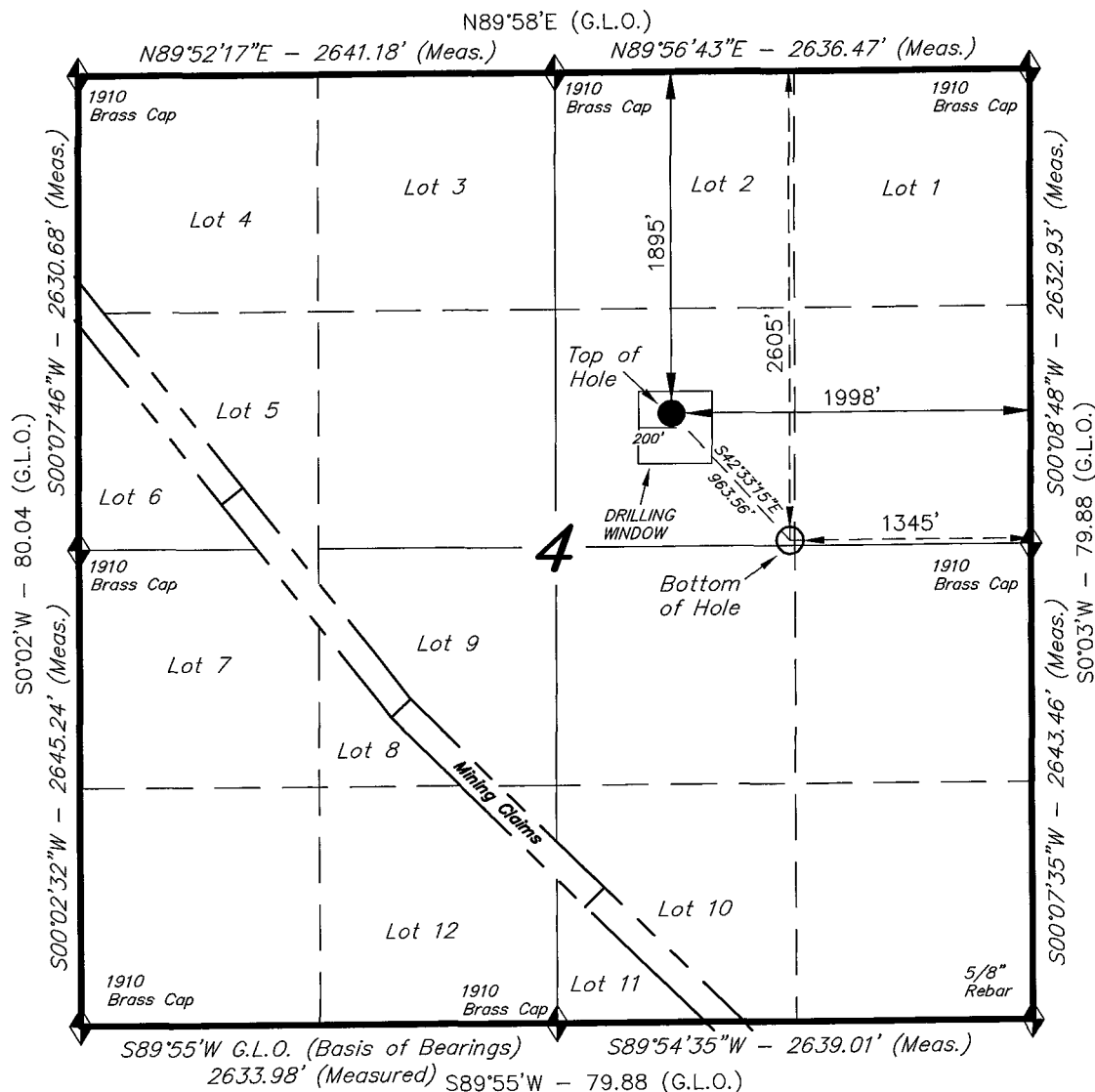
SURVEYED BY: T.H.

DATE DRAWN:
12-12-07

DRAWN BY: F.T.M.

REVISED:
02-11-08 L.C.S.

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

BLACKJACK L-4-9-17
(Surface Location) NAD 83
LATITUDE = 40° 03' 43.16"
LONGITUDE = 110° 00' 33.43"

NEWFIELD PRODUCTION COMPANY
BLACKJACK FEDERAL #L-4-9-17
AT SURFACE: SW/NE SECTION 4, T9S, R17E
DUCHESE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1451'
Green River	1451'
Wasatch	6215'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1451' – 6215' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

3. Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

4. Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
BLACKJACK FEDERAL #L-4-9-17
AT SURFACE: SW/NE SECTION 4, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1.

EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Blackjack Federal #L-4-9-17 located in the SW 1/4 NE 1/4 Section 4, T9S, R17E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.8 miles \pm to it's junction with an existing dirt road to the north; proceed northerly - 0.6 miles \pm to it's junction with the existing Paiute Federal 32-4R-9-17 well location.

2.

PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Paiute Federal 32-4R-9-17 well pad. See attached Topographic Map "B".

3.

LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4.

LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Paiute Federal 32-4R-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Blackjack Federal L-4-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5.

LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right: 43-10136

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Blackjack Federal L-4-9-17 will be drilled off of the existing Paiute Federal 32-4R-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 1,580' of disturbed area be granted in Lease UTU-75038 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. Refer to Topographic Map "C." For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for the 1,580' of proposed water injection pipeline will be forthcoming.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

A cactus survey must be completed prior to construction of proposed water line.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	5 lbs/acre
Crested Wheatgrass	<i>Agropyron Cristatum</i>	5 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	0.5 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	0.5 lbs/acre
Forage Kochia	<i>Kochia Prostrata</i>	0.25 lbs/acre

Details of the On-Site Inspection

The proposed Blackjack Federal L-4-9-17 was on-sited on 1/15/08. The following were present; Dave Allred (Newfield Production), Kevan Stevens (Newfield Production), Michael Cutler (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management).. Weather conditions were clear and the ground was covered by snow.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

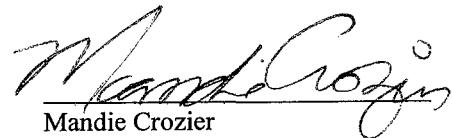
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #L-4-9-17 SW/NE Section 4, Township 9S, Range 17E: Lease UTU-75038 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

2/29/08

Date



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT NAD83 UTC
Site: Blackjack
Well: Blackjack L-4-9-17
Wellbore: OH
Design: Plan #1

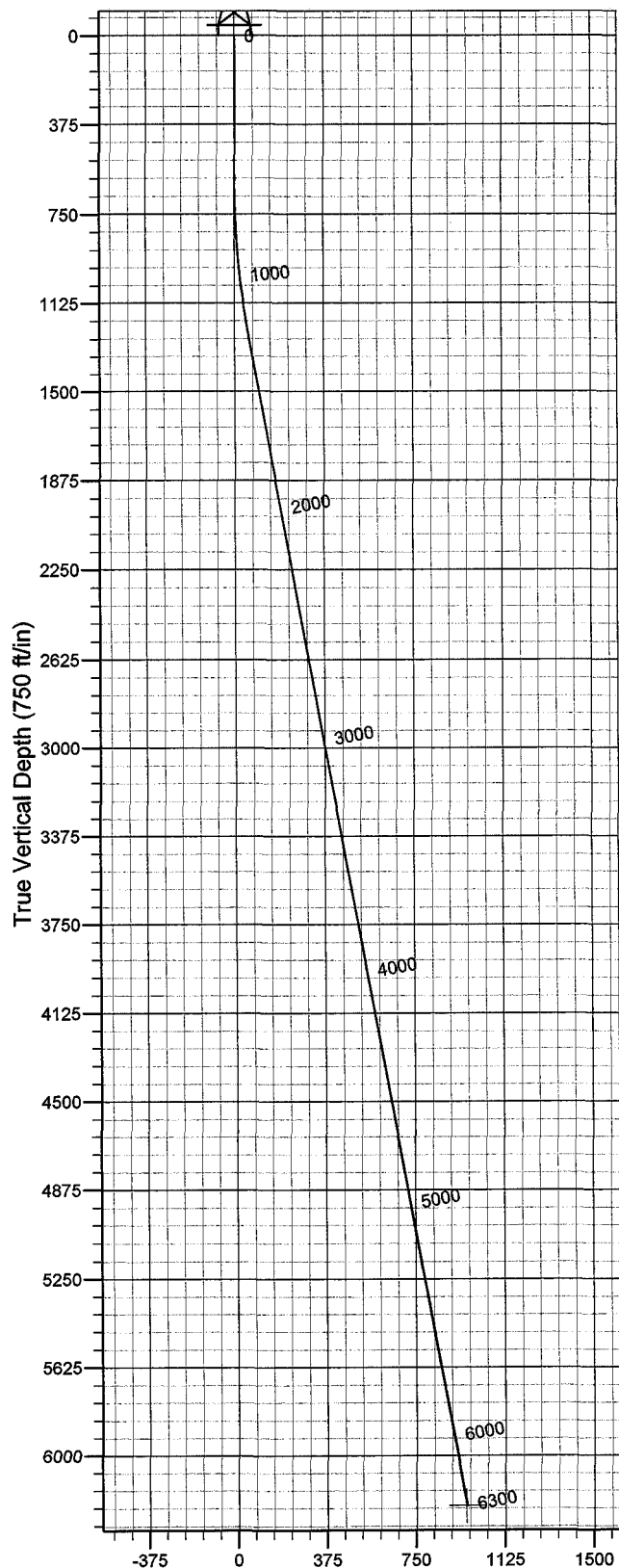


Azimuths to True North
Magnetic North: 11.71°

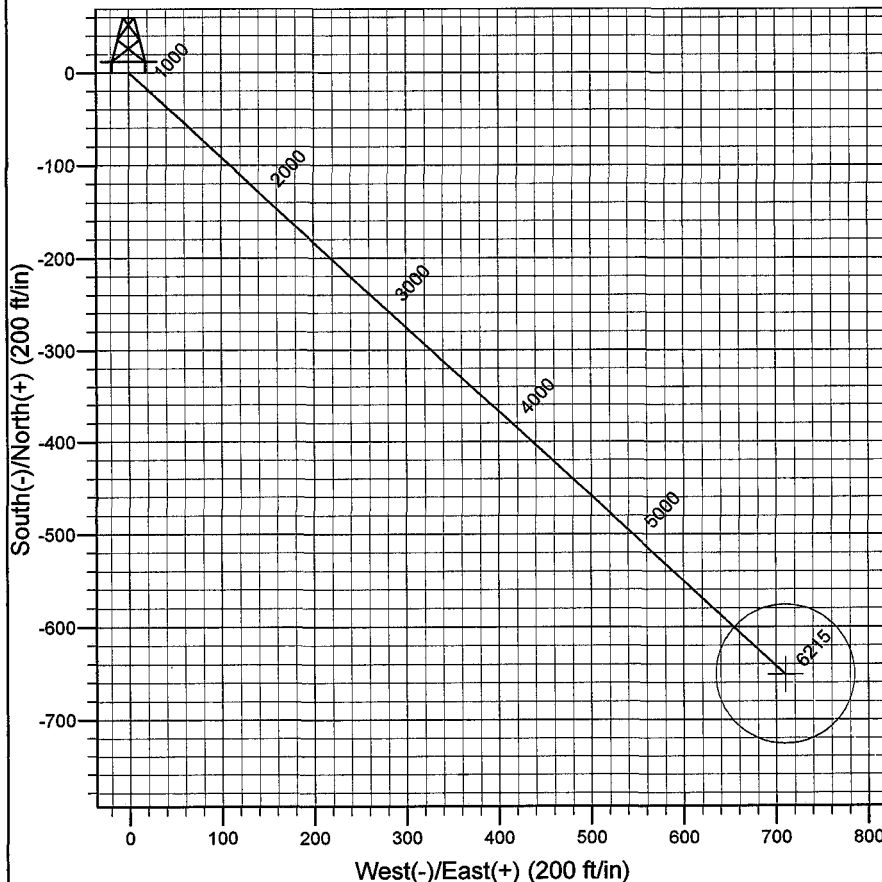
Magnetic Field
Strength: 52642.3snT
Dip Angle: 65.91°
Date: 2008-02-17
Model: IGRF2005-10

WELL DETAILS: Blackjack L-4-9-17

GL 5169' & RKB 12' @ 5181.00ft (NDSI 2) 5169.00
+N/-S +E/-W Northing Easting Latitude Longitude
0.00 0.00 7194794.48 2057627.51 40° 3' 43.160 N 110° 0' 33.430 W



Vertical Section at 132.55° (750 ft/in)



Plan: Plan #1 (Blackjack L-4-9-17/OH)

Created By: Julie Cruse Date: 2008-02-17

PROJECT DETAILS: Duchesne County, UT NAD83 UTC

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone
Location:
System Datum: Mean Sea Level
Local North: True North

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
	31290.94	10.36	132.55	1287.18	-42.14	45.91	1.50	132.55	62.32	
	46300.50	10.36	132.55	6215.00	-651.59	709.84	0.00	0.00	963.56	BJ L-4-9-17 PBHL

Newfield Exploration Co.

Duchesne County, UT NAD83 UTC

Blackjack

Blackjack L-4-9-17

OH

Plan: Plan #1

Standard Planning Report

17 February, 2008

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Blackjack
Well: Blackjack L-4-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Blackjack L-4-9-17
 GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
 GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
 True
 Minimum Curvature

Project	Duchesne County, UT NAD83 UTC		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Blackjack,				
Site Position:		Northing:	7,188,214.16 ft	Latitude:	40° 2' 37.900 N
From:	Lat/Long	Easting:	2,059,050.06 ft	Longitude:	110° 0' 16.550 W
Position Uncertainty:	0.00 ft	Slot Radius:	in	Grid Convergence:	0.96 °

Well	Blackjack L-4-9-17, 1895' FNL 1998' FEL Sec 4 T9S R17E					
Well Position	+N/-S	0.00 ft	Northing:	7,194,794.48 ft	Latitude:	40° 3' 43.160 N
	+E/-W	0.00 ft	Easting:	2,057,627.51 ft	Longitude:	110° 0' 33.430 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,169.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2005-10	2008-02-17	11.71	65.91	52,642

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	132.55

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,290.94	10.36	132.55	1,287.18	-42.14	45.91	1.50	1.50	0.00	132.55	
6,300.50	10.36	132.55	6,215.00	-651.59	709.84	0.00	0.00	0.00	0.00	BJ L-4-9-17 PBHL

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Blackjack
Well: Blackjack L-4-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Blackjack L-4-9-17
TVD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
MD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	1.50	132.55	699.99	-0.89	0.96	1.31	1.50	1.50	0.00
800.00	3.00	132.55	799.91	-3.54	3.86	5.23	1.50	1.50	0.00
900.00	4.50	132.55	899.69	-7.96	8.67	11.77	1.50	1.50	0.00
1,000.00	6.00	132.55	999.27	-14.15	15.42	20.92	1.50	1.50	0.00
1,100.00	7.50	132.55	1,098.57	-22.10	24.07	32.68	1.50	1.50	0.00
1,200.00	9.00	132.55	1,197.54	-31.80	34.64	47.03	1.50	1.50	0.00
1,290.94	10.36	132.55	1,287.18	-42.14	45.91	62.32	1.50	1.50	0.00
1,300.00	10.36	132.55	1,296.09	-43.25	47.11	63.95	0.00	0.00	0.00
1,400.00	10.36	132.55	1,394.46	-55.41	60.37	81.94	0.00	0.00	0.00
1,500.00	10.36	132.55	1,492.83	-67.58	73.62	99.93	0.00	0.00	0.00
1,600.00	10.36	132.55	1,591.20	-79.74	86.87	117.92	0.00	0.00	0.00
1,700.00	10.36	132.55	1,689.56	-91.91	100.13	135.91	0.00	0.00	0.00
1,800.00	10.36	132.55	1,787.93	-104.07	113.38	153.90	0.00	0.00	0.00
1,900.00	10.36	132.55	1,886.30	-116.24	126.63	171.89	0.00	0.00	0.00
2,000.00	10.36	132.55	1,984.67	-128.41	139.88	189.88	0.00	0.00	0.00
2,100.00	10.36	132.55	2,083.04	-140.57	153.14	207.87	0.00	0.00	0.00
2,200.00	10.36	132.55	2,181.41	-152.74	166.39	225.86	0.00	0.00	0.00
2,300.00	10.36	132.55	2,279.77	-164.90	179.64	243.85	0.00	0.00	0.00
2,400.00	10.36	132.55	2,378.14	-177.07	192.90	261.85	0.00	0.00	0.00
2,500.00	10.36	132.55	2,476.51	-189.23	206.15	279.84	0.00	0.00	0.00
2,600.00	10.36	132.55	2,574.88	-201.40	219.40	297.83	0.00	0.00	0.00
2,700.00	10.36	132.55	2,673.25	-213.57	232.66	315.82	0.00	0.00	0.00
2,800.00	10.36	132.55	2,771.62	-225.73	245.91	333.81	0.00	0.00	0.00
2,900.00	10.36	132.55	2,869.99	-237.90	259.16	351.80	0.00	0.00	0.00
3,000.00	10.36	132.55	2,968.35	-250.06	272.42	369.79	0.00	0.00	0.00
3,100.00	10.36	132.55	3,066.72	-262.23	285.67	387.78	0.00	0.00	0.00
3,200.00	10.36	132.55	3,165.09	-274.39	298.92	405.77	0.00	0.00	0.00
3,300.00	10.36	132.55	3,263.46	-286.56	312.18	423.76	0.00	0.00	0.00
3,400.00	10.36	132.55	3,361.83	-298.73	325.43	441.75	0.00	0.00	0.00
3,500.00	10.36	132.55	3,460.20	-310.89	338.68	459.74	0.00	0.00	0.00
3,600.00	10.36	132.55	3,558.56	-323.06	351.94	477.73	0.00	0.00	0.00
3,700.00	10.36	132.55	3,656.93	-335.22	365.19	495.72	0.00	0.00	0.00
3,800.00	10.36	132.55	3,755.30	-347.39	378.44	513.71	0.00	0.00	0.00
3,900.00	10.36	132.55	3,853.67	-359.55	391.70	531.70	0.00	0.00	0.00
4,000.00	10.36	132.55	3,952.04	-371.72	404.95	549.69	0.00	0.00	0.00
4,100.00	10.36	132.55	4,050.41	-383.89	418.20	567.68	0.00	0.00	0.00
4,200.00	10.36	132.55	4,148.77	-396.05	431.46	585.67	0.00	0.00	0.00
4,300.00	10.36	132.55	4,247.14	-408.22	444.71	603.66	0.00	0.00	0.00
4,400.00	10.36	132.55	4,345.51	-420.38	457.96	621.65	0.00	0.00	0.00
4,500.00	10.36	132.55	4,443.88	-432.55	471.22	639.64	0.00	0.00	0.00
4,600.00	10.36	132.55	4,542.25	-444.71	484.47	657.63	0.00	0.00	0.00
4,700.00	10.36	132.55	4,640.62	-456.88	497.72	675.62	0.00	0.00	0.00
4,800.00	10.36	132.55	4,738.99	-469.05	510.98	693.61	0.00	0.00	0.00
4,900.00	10.36	132.55	4,837.35	-481.21	524.23	711.61	0.00	0.00	0.00
5,000.00	10.36	132.55	4,935.72	-493.38	537.48	729.60	0.00	0.00	0.00
5,100.00	10.36	132.55	5,034.09	-505.54	550.74	747.59	0.00	0.00	0.00
5,200.00	10.36	132.55	5,132.46	-517.71	563.99	765.58	0.00	0.00	0.00

Scientific Drilling

Planning Report

Database: EDM 2003.16 Multi-User Db
Company: Newfield Exploration Co.
Project: Duchesne County, UT NAD83 UTC
Site: Blackjack
Well: Blackjack L-4-9-17
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well Blackjack L-4-9-17
TVD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
MD Reference: GL 5169' & RKB 12' @ 5181.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.00	10.36	132.55	5,230.83	-529.87	577.24	783.57	0.00	0.00	0.00
5,400.00	10.36	132.55	5,329.20	-542.04	590.50	801.56	0.00	0.00	0.00
5,500.00	10.36	132.55	5,427.56	-554.21	603.75	819.55	0.00	0.00	0.00
5,600.00	10.36	132.55	5,525.93	-566.37	617.00	837.54	0.00	0.00	0.00
5,700.00	10.36	132.55	5,624.30	-578.54	630.26	855.53	0.00	0.00	0.00
5,800.00	10.36	132.55	5,722.67	-590.70	643.51	873.52	0.00	0.00	0.00
5,900.00	10.36	132.55	5,821.04	-602.87	656.76	891.51	0.00	0.00	0.00
6,000.00	10.36	132.55	5,919.41	-615.03	670.02	909.50	0.00	0.00	0.00
6,100.00	10.36	132.55	6,017.77	-627.20	683.27	927.49	0.00	0.00	0.00
6,200.00	10.36	132.55	6,116.14	-639.37	696.52	945.48	0.00	0.00	0.00
6,300.00	10.36	132.55	6,214.51	-651.53	709.78	963.47	0.00	0.00	0.00
6,300.50	10.36	132.55	6,215.00	-651.59	709.84	963.56	0.00	0.00	0.00

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
BJ L-4-9-17 PBHL - plan hits target center - Circle (radius 75.00)	0.00	0.00	6,215.00	-651.59	709.84	7,194,154.81	2,058,348.11	40° 3' 36.720 N	110° 0' 24.300 W

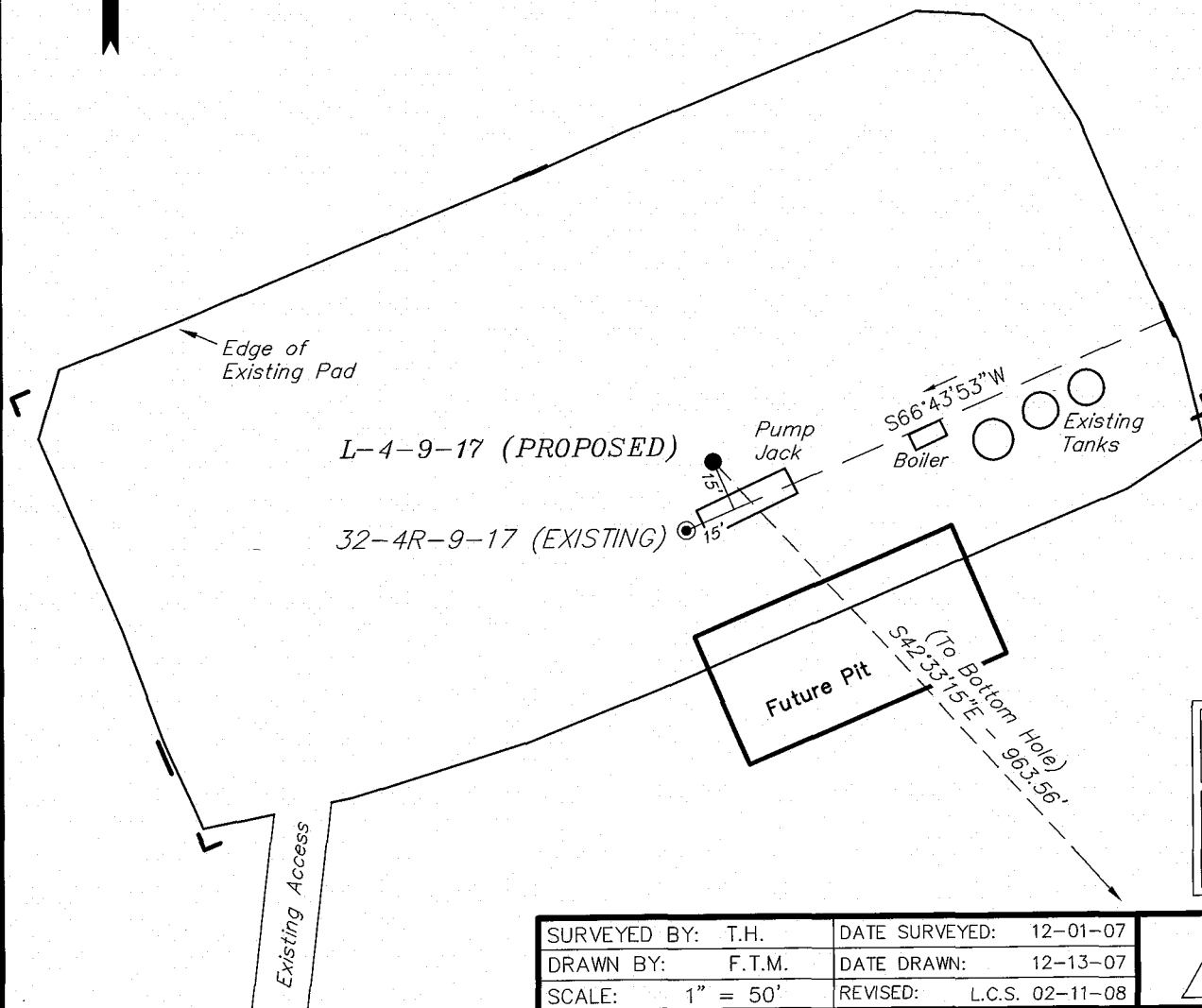
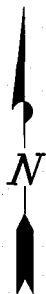
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

BLACKJACK L-4-9-17 (Proposed Well)

BLACKJACK 32-4R-9-17 (Existing Well)

Pad Location: SWNE Section 4, T9S, R17E, S.L.B.&M.



TOP HOLE FOOTAGES

L-4-9-17 (PROPOSED)
1895' FNL & 1998' FEL

BOTTOM HOLE FOOTAGES

L-4-9-17 (PROPOSED)
2605' FNL & 1345' FEL

Note:

Bearings are based
on GLO Information.

RELATIVE COORDINATES From top hole to bottom hole

WELL	NORTH	EAST
L-4-9-17	-710'	652'

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
L-4-9-17	40° 03' 43.16"	110° 00' 33.43"
32-4R-9-17	40° 03' 42.97"	110° 00' 33.54"

SURVEYED BY: T.H.	DATE SURVEYED: 12-01-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-13-07
SCALE: 1" = 50'	REVISED: L.C.S. 02-11-08

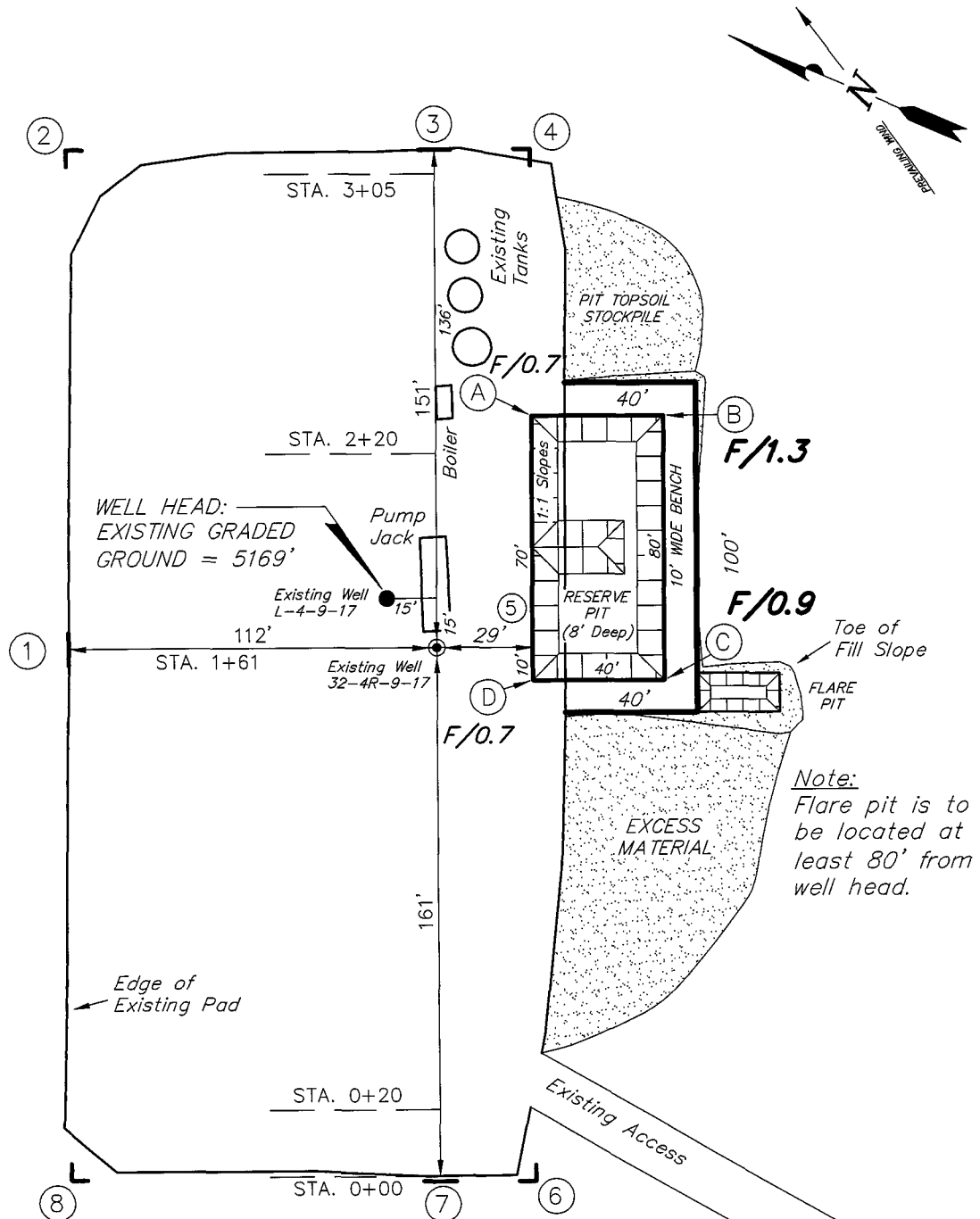
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

BLACKJACK L-4-9-17 (Proposed Well)

BLACKJACK 32-4R-9-17 (Existing Well)

Pad Location: SWNE Section 4, T9S, R17E, S.L.B.&M.



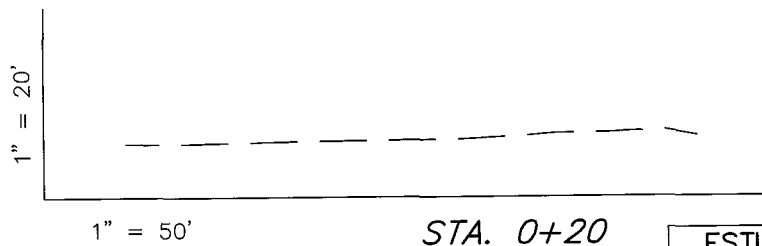
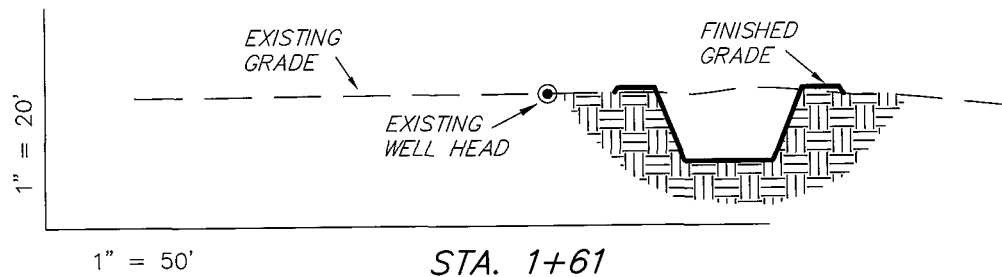
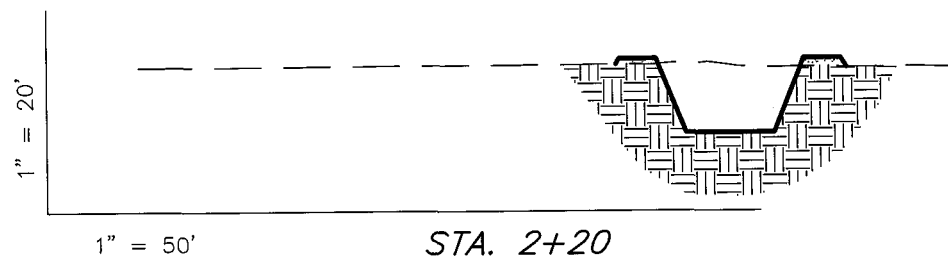
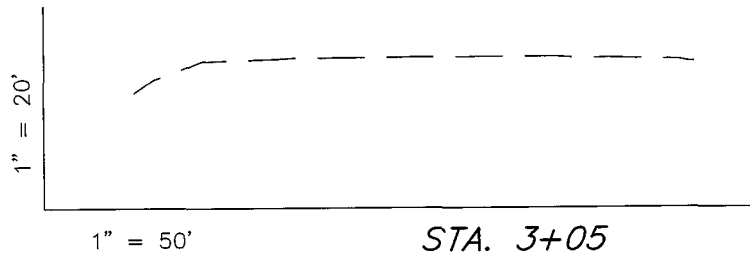
SURVEYED BY: T.H.	DATE SURVEYED: 12-01-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-13-07
SCALE: 1" = 50'	REVISED:

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Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

BLACKJACK L-4-9-17 (Proposed Well)
BLACKJACK 32-4R-9-17 (Existing Well)



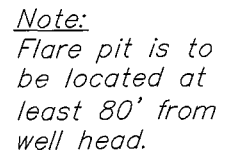
NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	0	180	Topsoil is not included in Pad Cut	-180
PIT	460	0		460
TOTALS	460	180	130	280

SURVEYED BY: T.H.	DATE SURVEYED: 12-01-07
DRAWN BY: F.T.M.	DATE DRAWN: 12-13-07
SCALE: 1" = 50'	REVISED:

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

BLACKJACK L-4-9-17 (Proposed Well)
BLACKJACK 32-4R-9-17 (Existing Well)



Tri State (435) 781-2501
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company Proposed Site Facility Diagram

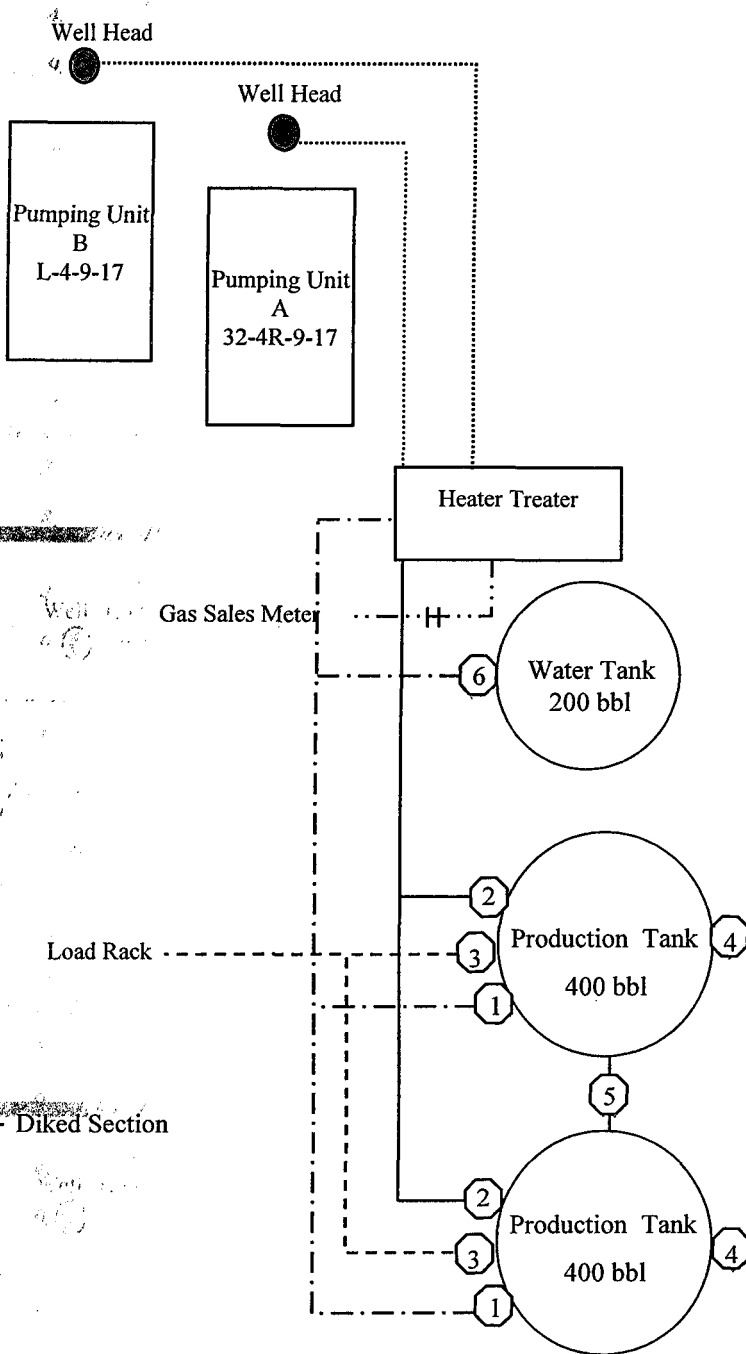
Blackjack Federal L-4-9-17

From the 32-4R-9-17 Location

SW/NE Sec. 4 T9S, R17E

Duchesne County, Utah

UTU-75038



Site Security Plan is held at the Pleasant Valley Office, Duchesne County, Utah

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

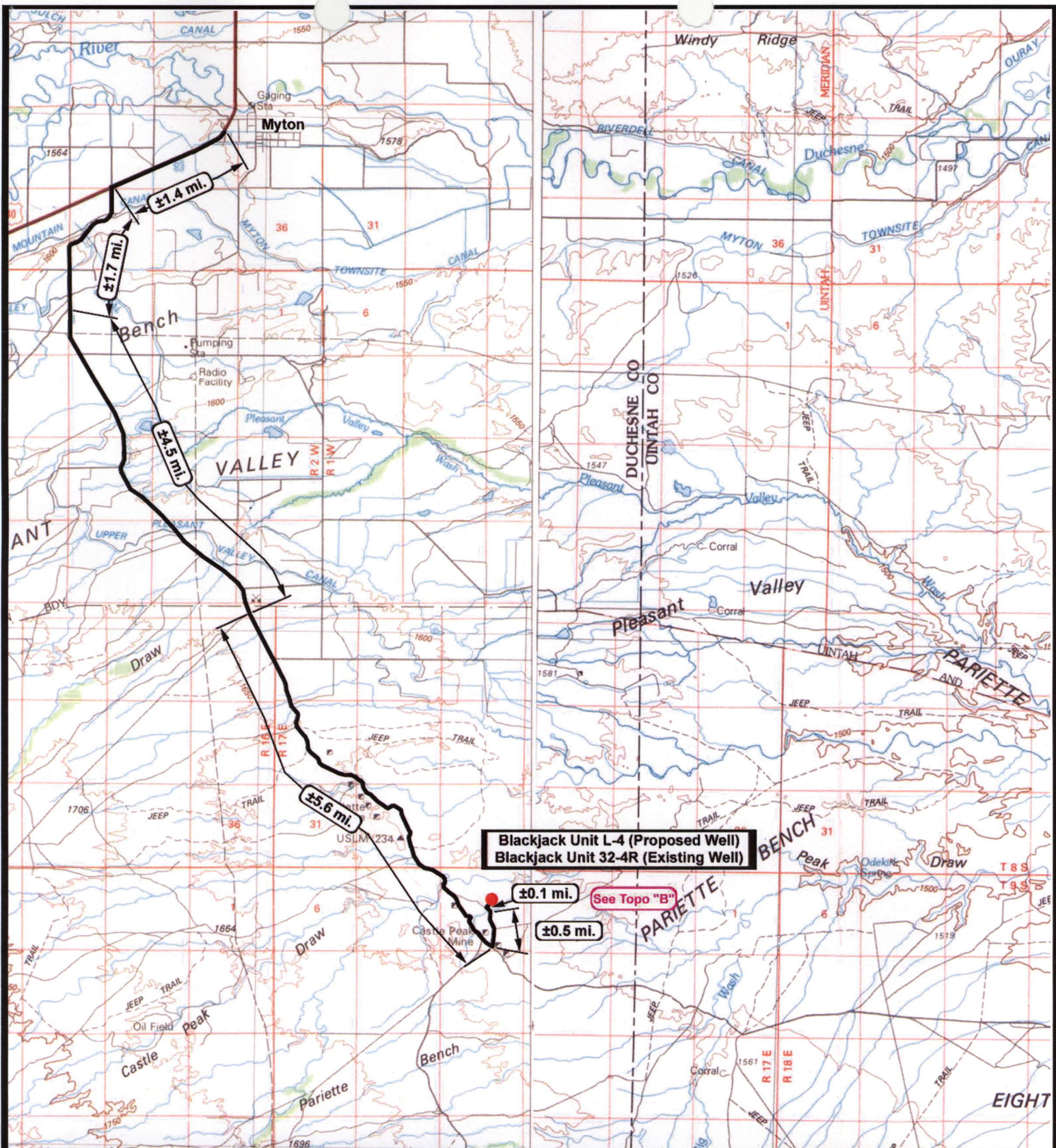
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

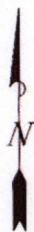
Legend

Emulsion Line
Load Rack	-----
Water Line	- . - . - .
Gas Sales	-
Oil Line	—————



NEWFIELD
Exploration Company

Blackjack Unit L-4-9-17 (Proposed Well)
Blackjack Unit 32-4R-9-17 (Existing Well)
Pad Location: SWNE Sec. 4, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

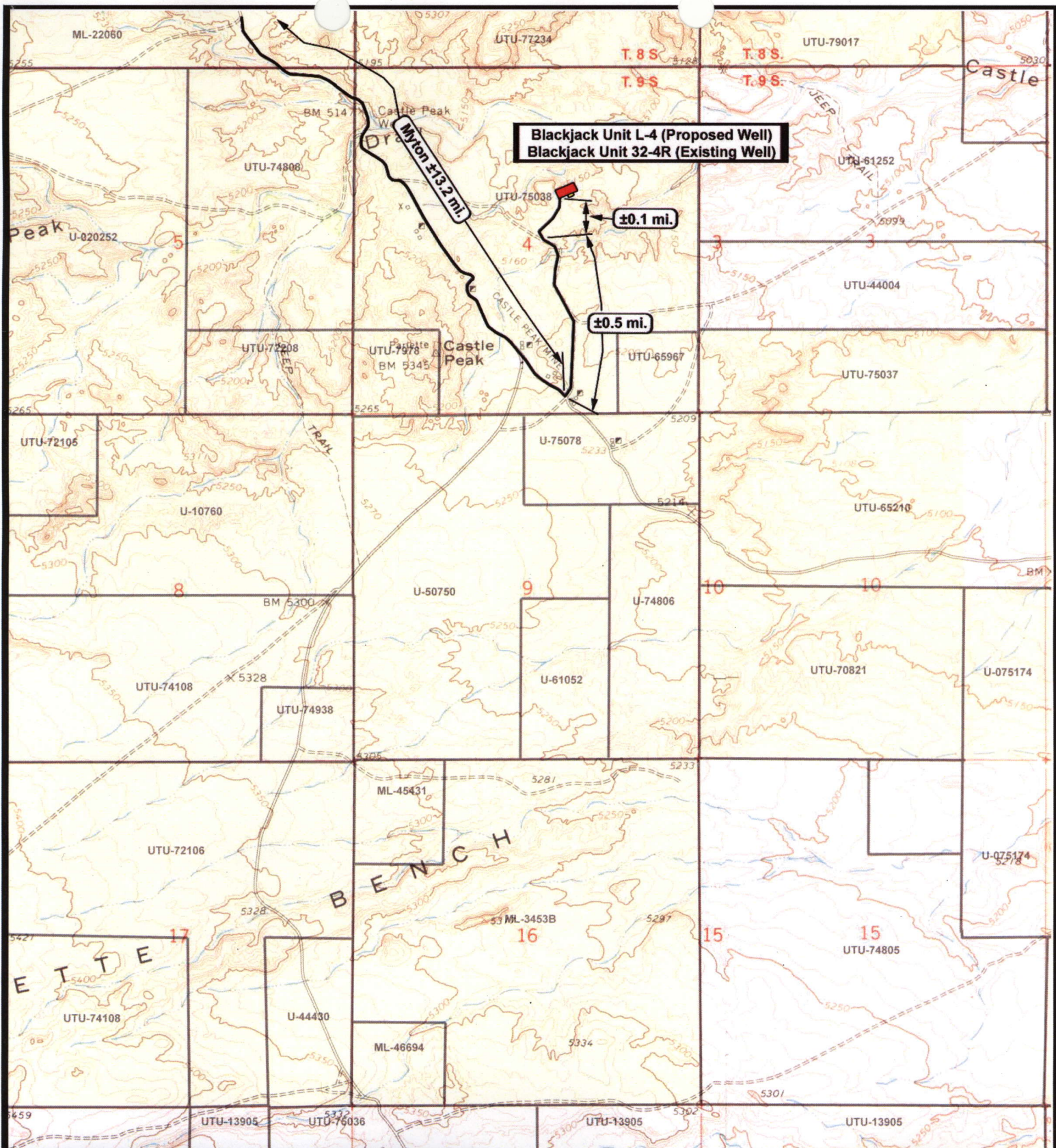
SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 12-14-2007





Legend

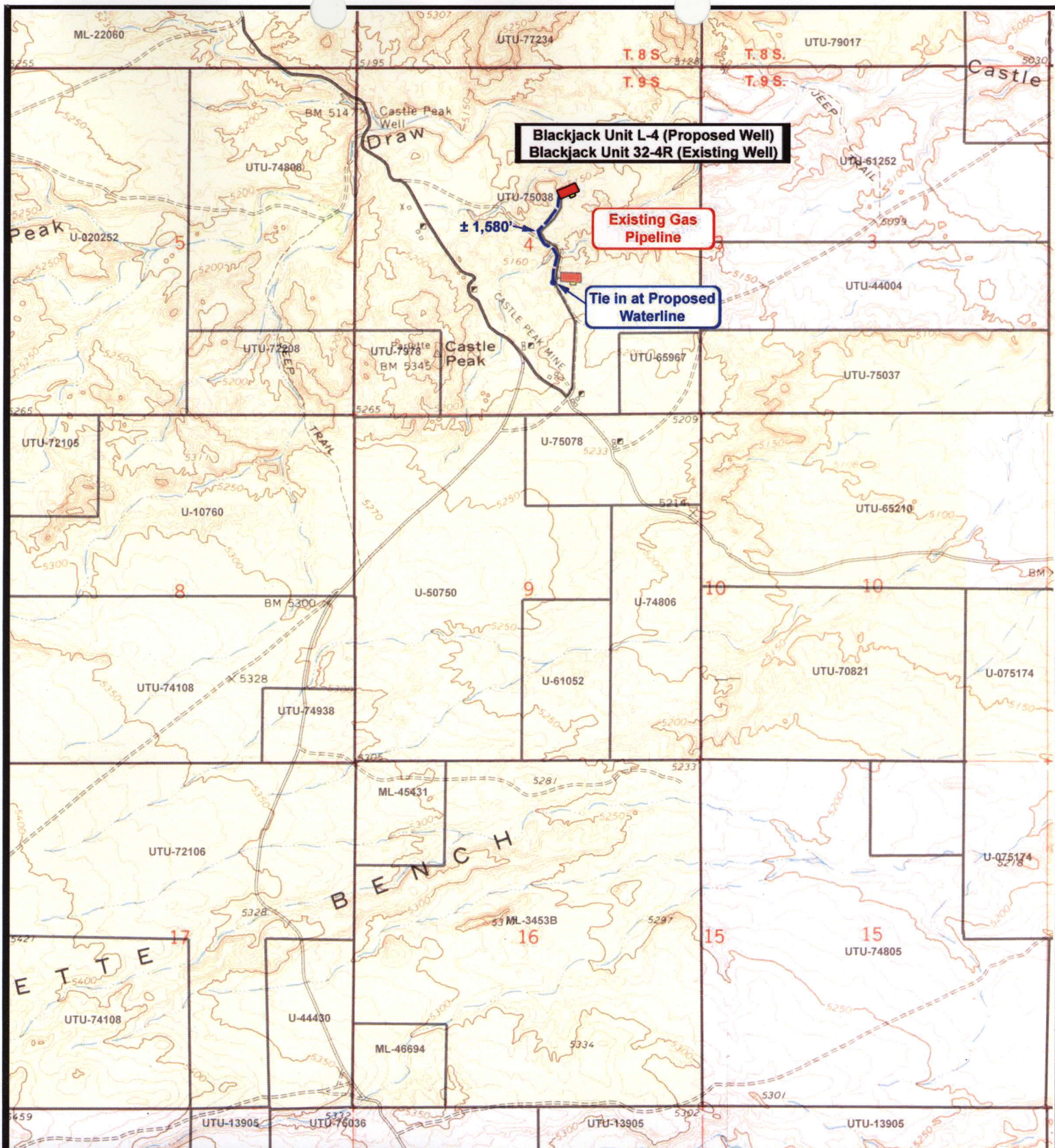
Existing Road




TOPOGRAPHIC MAP

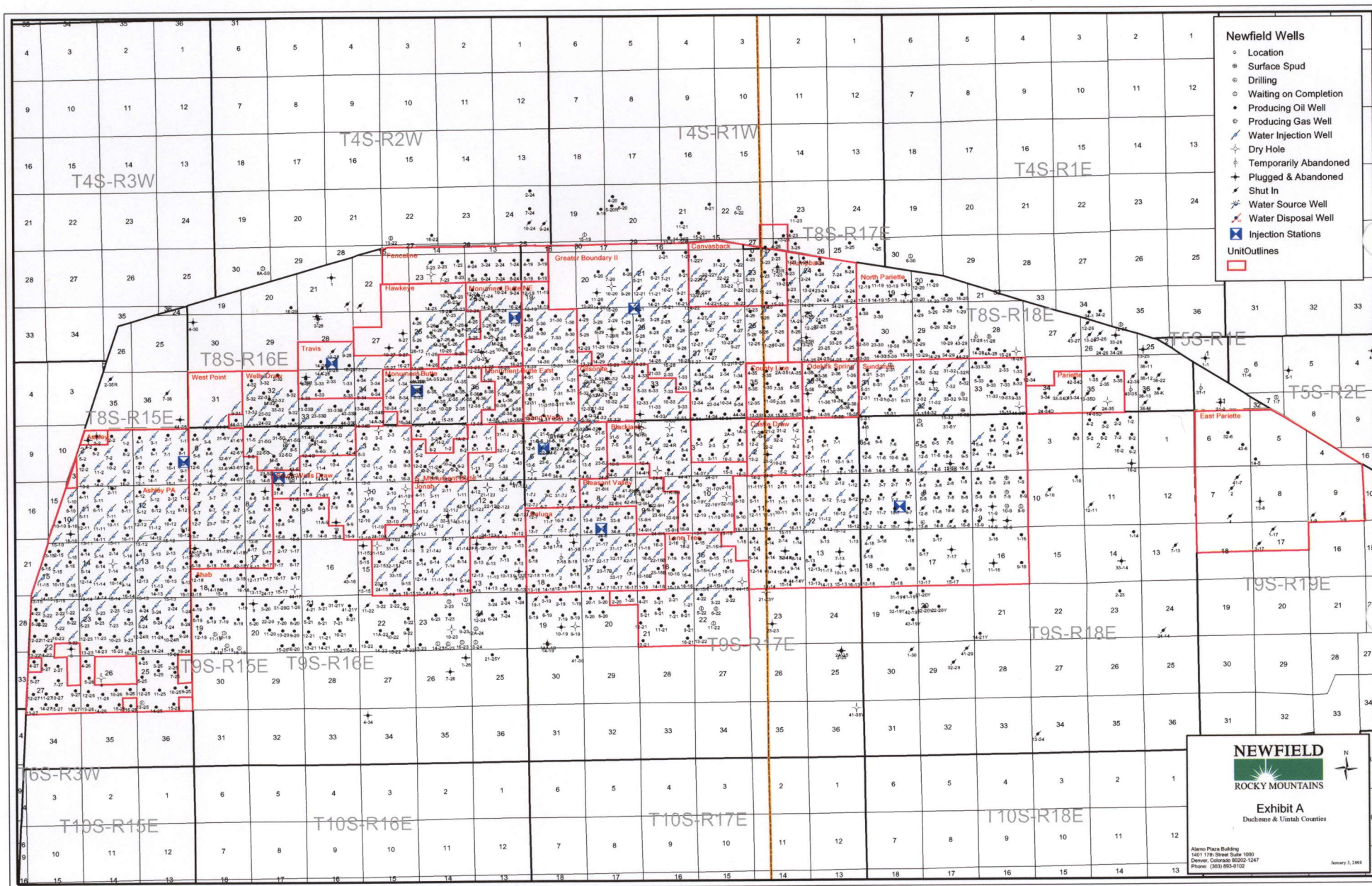
"A"

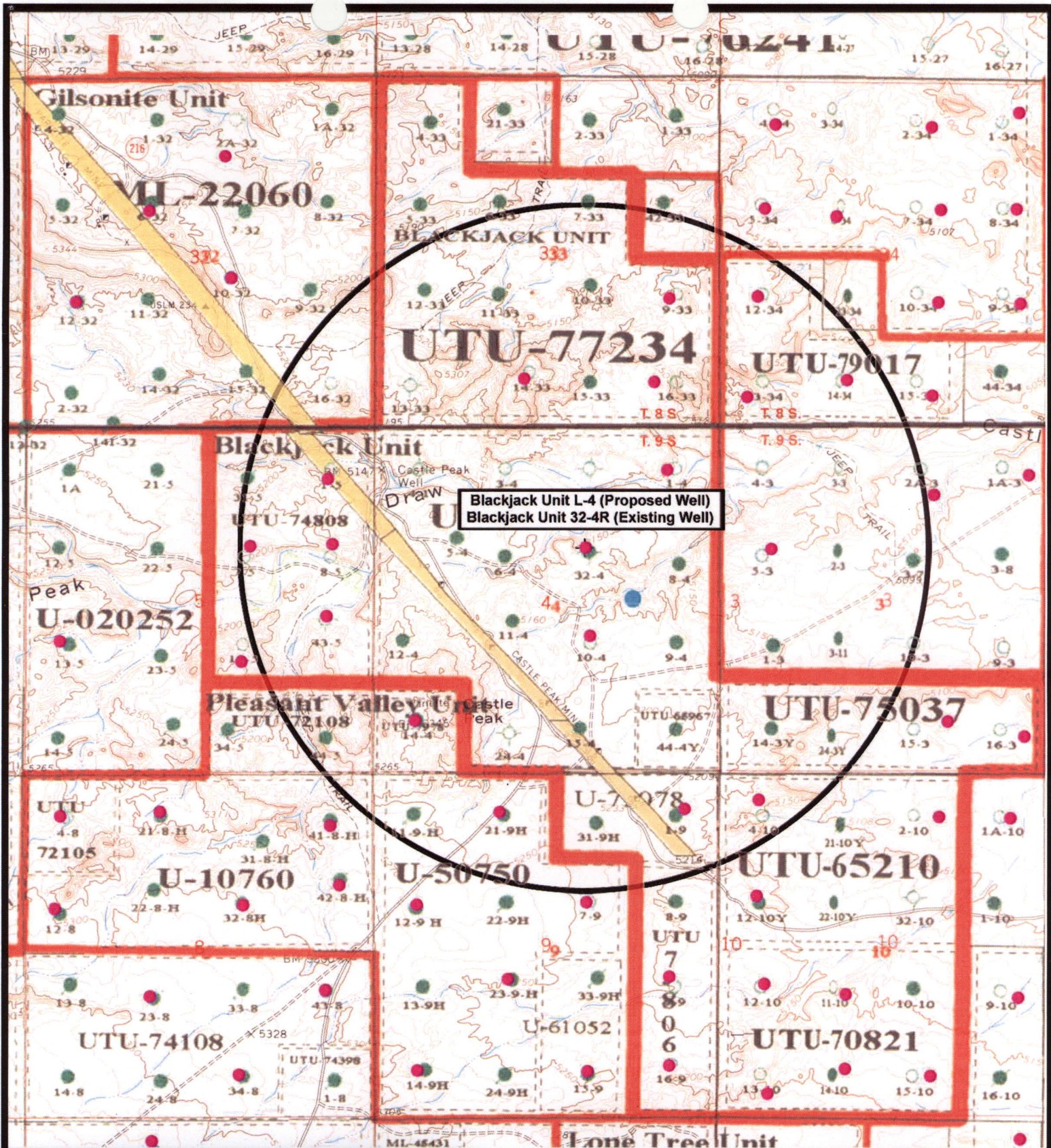


 <p>NEWFIELD Exploration Company</p> <p>Blackjack Unit L-4-9-17 (Proposed Well) Blackjack Unit 32-4R-9-17 (Existing Well) Pad Location: SWNE Sec. 4, T9S, R17E, S.L.B.&M.</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 12-14-2007</p>	<p>Legend</p> <p> Existing Road</p> <p>TOPOGRAPHIC MAP</p> <p>"B"</p>
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 <p>NEWFIELD Exploration Company</p> <p>Blackjack Unit L-4-9-17 (Proposed Well) Blackjack Unit 32-4R-9-17 (Existing Well) Pad Location: SWNE Sec. 4, T9S, R17E, S.L.B.&M.</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: mw DATE: 12-14-2007</p>	<p>Legend</p> <p>— Roads - - - - - Proposed Water Line</p> <p>TOPOGRAPHIC MAP</p> <p>"C"</p>
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Blackjack Unit L-4 (Proposed Well)
Blackjack Unit 32-4R (Existing Well)

NEWFIELD
Exploration Company

Blackjack Unit L-4-9-17 (Proposed Well)
Blackjack Unit 32-4R-9-17 (Existing Well)
Pad Location: SWNE Sec. 4, T9S, R17E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 12-14-2007

Legend

- Pad Location
- Bottom Hole Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

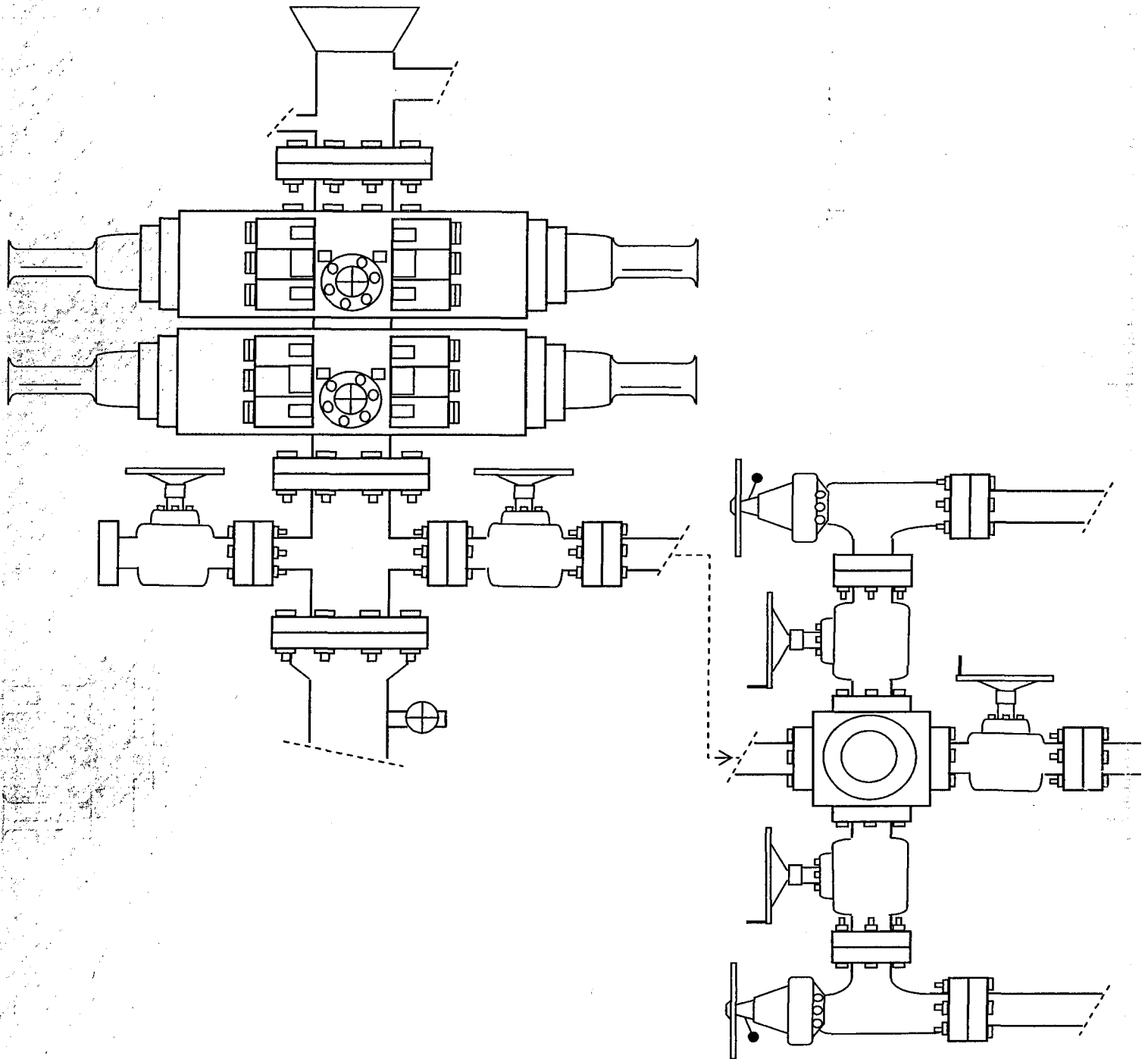


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/06/2008

API NO. ASSIGNED: 43-013-33921

WELL NAME: BLACKJACK FED L-4-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SWNE 04 090S 170E

SURFACE: 1895 FNL 1998 FEL

BOTTOM: 2605 FNL 1345 FEL

COUNTY: DUCHESNE

LATITUDE: 40.06201 LONGITUDE: -110.0086

UTM SURF EASTINGS: 584555 NORTHINGS: 4434901

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-75038

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. 43-10136)
☒ RDCC Review (Y/N)
(Date:)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

☐ R649-2-3.
Unit: BLACKJACK (GR)
☐ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
☐ R649-3-3. Exception
☒ Drilling Unit
Board Cause No: 234-2
Eff Date: 12-22-1999
Siting: Suspends General Siting
☒ R649-3-11. Directional Drill

COMMENTS:

See Separate File

STIPULATIONS:

Not Approved

T8S R17E

T9S R17E

BLACKJACK
4-IR-9-17CASTLE
DRAW
3-4-9-17CASTLE
DRAW
2-4-9-17BLACKJACK
FED 1-4-9-17

GREATER BOUNDARY II UNIT

CAUSE: 225-4 / 9-22-2004

UTD FED
3-2GB FED
1A-3-9-17CASTLE
DRAW
5-4-9-17CASTLE
DRAW
6-4-9-17BLACKJACK
FED L-4-9-17
PAIUTE FED
32-4R-9-17CASTLE
DRAW
8-4-9-17GB FED
5-3-9-17MONUMENT
BUTTE 2-3UTD FED
3-7
PINEHURST
FEDERAL 3-7MONUMENT
BUTTE FED 3-8
PINEHURST
FEDERAL 3-8CASTLE
DRAW
12-4-9-17CASTLE
DRAW
11-4-9-17CASTLE
DRAW
10-4-9-17BLACKJACK
FED 10-4-9-17CASTLE
DRAW
9-4-9-17

BLACKJACK (GR) UNIT

CAUSE: 234-2 / 12-22-1999

FEDERAL
14-4HPLEASANT
VLY FED
Y-4-9-17MAXUS
FED 24-4CASTLE
DRAW
15-4-9-17FEDERAL
44-4Y
COTTON
44-4

MONUMENT BUTTE FIELD

MON FED
14-3-9-17YFEDERAL
24-3YBLACKJACK
FED 15-3-9-17BLACKJACK
FED 1-10-9-17

BLACKJACK (GR) UNIT

BHL
Y-4-9-17

CAUSE: 234-1 / 8-24-1995

FEDERAL
11-9-HFEDERAL
21-9HPLEASANT
VLY FED
G-9-9-17MONUMENT
BUTTE FED 9-2FEDERAL
31R-9HCASTLE
DRAW
1-9-9-17BLACKJACK
FED V-4-9-17BLACKJACK
FED 4-10-9-17BLACKJACK
FED F-10-9-17BALCRON
MON FED
21-10-9-17YDUNCAN
FED 3-10SUNDANCE
FED 1-10-9-17BHL
F-9-9-17FEDERAL
12-9-HBHL
G-9-9-17FEDERAL
NGC 22-9-HPLEASANT
VLY FED
M-9-9-17PLEASANT
VLY 7-9-9-17CASTLE
DRAW
8-9-9-17BHL
F-10-9-17BLACKJACK
FED G-10-9-17BALCRON MON
FED 12-10-9-17YFEDERAL
22-10YDUNCAN
FED 2-10FEDERAL
8-10-9-17FEDERAL
13-9HPLEASANT
VLY FED
F-9-9-17BHL
N-9-9-17FED
23-9-HPLEASANT
VLY FED
N-9-9-17FEDERAL
33-9HBLACKJACK
FED 0-10-9-17BLACKJACK
FED 9-9-9-17BLACKJACK
FED 12-10-9-17BLACKJACK
FED 11-10-9-17CASTLE
DRAW
10-10-9-17MON FED
32-10-9-17YFEDERAL
9-10-9-17FEDERAL
14-9HPLEASANT
VLY FED
Q-9-9-17BHL
Q-9-9-17NGC
24-9H FEDPLEASANT
VLY 15-9-9-17BLACKJACK
FED 16-9-9-17BLACKJACK
FED 4-10-9-17BLACKJACK
FED 16-9-9-17BLACKJACK
FED 16-9-9-17CASTLE
DRAW
USA 3-N10BLACKJACK
FED 15-10-9-17CASTLE
DRAW
16-10-9-17

PLEASANT VALLEY (GR) UNIT

MON ST
11-16-9-17BSUE MORRIS
16-3

BELUGA (GR) UNIT

CAUSE: 228-4 / 2-4-1996

LONE TREE
U 2-16-9-17

STATE 16-2

S PLEASANT
VALLEY FED 4-15-9-17FED NGC
21-15

LONE TREE (GR) UNIT

CAUSE: 228-5 / 8-26-1998

FEDERAL
15-1BFEDERAL
1-15-9-17

OPERATOR: NEWFIELD PROD CP (N2695)

SEC: 4 T.9S R.17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 234-2 / 12-22-1999

Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



OIL, GAS & MINING



PREPARED BY: DIANA MASON
DATE: 06-MARCH-2008



March 11, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Blackjack Federal L-4-9-17
Blackjack Unit
UTU-78560X
Surface Hole: T9S R17E, Section 4: SW/4NE/4
1895' FNL 1998' FEL
At Target: T9S R17E, Section 4
2605' FNL 1345' FEL
Duchesne County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated February 29, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and target location of this well are both within the boundaries of the Blackjack Federal Unit UTU-78560X. Newfield certifies that it is the Blackjack Unit Operator and all lands within 460 feet of the entire directional well bore are within the Blackjack Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,
NEWFIELD PRODUCTION COMPANY

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED
MAR 14 2008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.
UTU-75038

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA Agreement, Name and No.
Blackjack Unit

8. Lease Name and Well No.
Blackjack Federal L-4-9-17

9. API Well No.

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
Newfield Production Company

3a. Address
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface SWNE 1895' FNL 1998' FEL
At proposed prod. zone 2605' FNL 1345' FEL

10. Field and Pool, or Exploratory
Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 4, T9S R17E

14. Distance in miles and direction from nearest town or post office*
Approximately 13.8 miles southeast of Myton, Utah

12. County or Parish
Duchesne

13. State
UT

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drig. unit line, if any) Approx. 1345' flse, 1345' flunit

16. No. of Acres in lease
535.31

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1360'

19. Proposed Depth
6215'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5169' GL

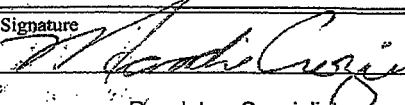
22. Approximate date work will start*
2nd Quarter 2008

23. Estimated duration
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  Name (Printed/Typed) Mandie Crozier Date 2/29/08

Title Regulatory Specialist

Approved by (Signature) _____ Name (Printed/Typed) _____ Date _____

Title _____ Office _____

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

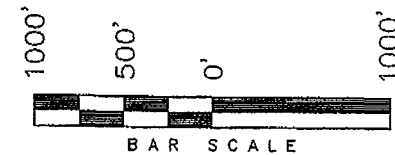
(Instructions on Reverse)

RECEIVED
MAR 14 2008
DIV. OF OIL, GAS & MINING

T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, BLACKJACK L-4-9-17,
LOCATED AS SHOWN IN THE SW 1/4 NE
1/4 OF SECTION 4, T9S, R17E, S.L.B.&M.
DUCESNE COUNTY, UTAH.



WELL LOCATION:
BLACKJACK L-4-9-17

ELEV. EXIST. GRADED GROUND = 5169'

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF No. 189377

STACY W.

REGISTERED LAND SURVEYOR
REGISTRATION No. 120037
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

(435) 781-2501

DATE SURVEYED:
12-01-07

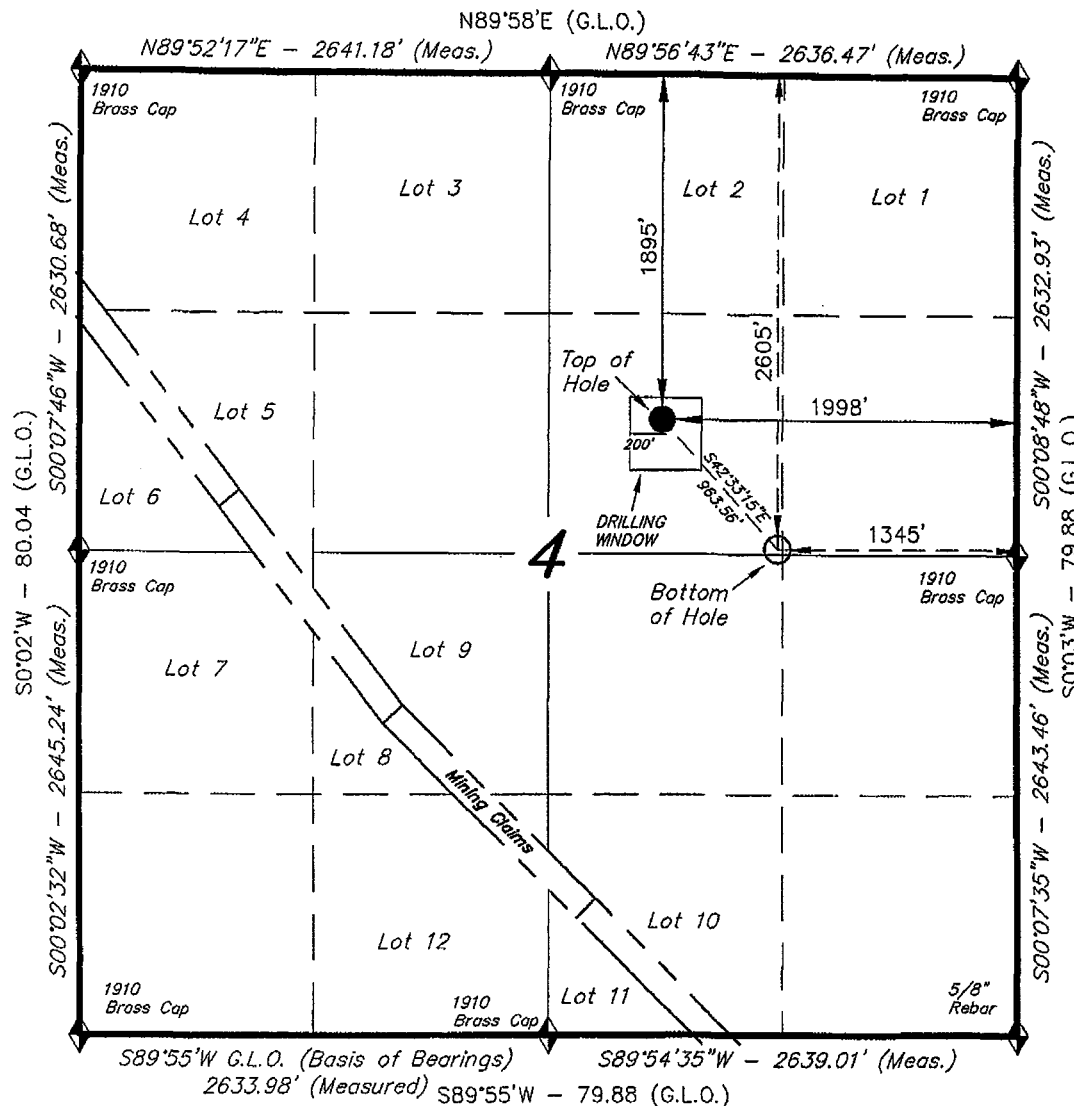
SURVEYED BY: T.H.

DATE DRAWN:
12-12-07

DRAWN BY: F.T.M.

REVISED:
02-11-08 L.C.S.

SCALE: 1" = 1000'



 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

BLACKJACK L-4-9-17
(Surface Location) NAD 83
LATITUDE = 40° 03' 43.16"
LONGITUDE = 110° 00' 33.43"

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

March 7, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2008 Plan of Development Black Jack Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Black Jack Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-33921	Blackjack Fed L-4-9-17 Sec 04 T09S R17E 1895 FNL 1998 FEL	BHL Sec 04 T09S R17E 2605 FNL 1345 FEL
43-013-33918	Blackjack Fed P-10-9-17 Sec 09 T09S R17E 0765 FSL 0734 FEL	BHL Sec 10 T09S R17E 1250 FSL 0100 FWL
43-013-33917	Blackjack Fed Q-10-9-17 Sec 10 T09S R17E 0324 FSL 0705 FWL	BHL Sec 10 T09S R17E 1205 FSL 1245 FWL
43-013-33919	Blackjack Fed G-10-9-17 Sec 10 T09S R17E 1996 FNL 0634 FWL	BHL Sec 10 T09S R17E 1220 FNL 1210 FWL
43-013-33920	Blackjack Fed F-10-9-17 Sec 10 T09S R17E 0427 FNL 0519 FWL	BHL Sec 10 T09S R17E 1255 FNL 0040 FWL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil Gas and Mining

JOHN R. BAZA
Division Director

March 20, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Blackjack Federal L-4-9-17 Well, Surface Location 1895' FNL, 1998' FEL, SW NE, Sec. 4, T. 9 South, R. 17 East, Bottom Location 2605' FNL, 1345' FEL, SW NE, Sec. 4, T. 9 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33921.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office

Operator: Newfield Production Company
Well Name & Number Blackjack Federal L-4-9-17
API Number: 43-013-33921
Lease: UTU-75038

Surface Location: SW NE Sec. 4 T. 9 South R. 17 East
Bottom Location: SW NE Sec. 4 T. 9 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UPOGM

2008-05 AM 1:37

Form 3160-3
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-75038
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Blackjack Unit
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Blackjack Federal L-4-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 013 33921
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SW/NE 1895' FNL 1998' FEL At proposed prod. zone 2605' FNL 1345' FEL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 13.8 miles southeast of Myton, Utah		11. Sec., T., R., M., or Blk. and Survey or Area Sec. 4, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 1345' ft/le, 1345' ft/unit	16. No. of Acres in lease 535.31	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1360'	19. Proposed Depth 6215'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5169' GL	22. Approximate date work will start* 2nd Quarter 2008	23. Estimated duration Approximately seven (7) days from spud to rig release.
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- | | |
|---|--|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the authorized officer. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 2/29/08
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenizka	Date 2-4-2008
Title Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
RECEIVED

JUL 18 2008

DIV. OF OIL, GAS & MINING

NOS 1-8-08
08PPO313A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Blackjack Federal L-4-9-17
API No: 43-013-33921

Location: SWNE, Sec 4, T9S, R17E
Lease No: UTU-75038
Agreement: Blackjack Unit

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	(435) 828-7381
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	
NRS/Enviro Scientist:	Michael Cutler	(435) 781-3401	(435) 828-3546
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Darren Williams	(435) 781-4447	(435) 828-4029
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

SURFACE USE PROGRAM **CONDITIONS OF APPROVAL (COAs)**

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Specific Surface COAs

- Lease Notices from RMP:
 - The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
 - The lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- Comments:
 - GIS data shows the project area is within Mountain Plover nesting habitat. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required, Mountain Plover timing restrictions were not applied.
 - During the onsite it was evident that scattered complexes of White-tailed prairie dog colonies (Burrowing Owl nesting habitat) were in the area. Because the proposed location is going to be directional drilled from an existing location and no new disturbance will be required, Burrowing Owl timing restrictions were not applied.
 - The project area is located within ½ mile of two Red-Tailed Hawk nests. The closest nest is 0.3 miles north of the location (occupied by Red-Tailed Hawk in 2006; occupied by ravens in 2007). The other nest is 0.4 miles northeast of the locations (inactive 2006, and occupied by Great-Horned Owl in 2007). No timing restrictions were applied to this location due to the many topographic barriers between the nest sites and the project area.

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the date of the onsite date. Any proposals submitted after the date of this report (onsite) shall require additional surveys and clearances.

CONDITIONS OF APPROVAL:

- **Avoid any ground disturbance inside cultural site area of 42DC936.**

- **Surveys for the Threatened *Sclerocactus* spp. will be conducted prior to ground disturbing activities (no installation of waterlines until surveys completed). The results of these surveys will be made available to the A.O. prior to approval of new surface disturbance.**
- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- **No surface disturbance outside of APD proposal is authorized. If other disturbance is necessary, authorization will be proposed in a sundry notice (Form 3160-5) to BLM Authorized Officer. *Sclerocactus* spp. surveys may be required prior to new surface disturbing activities including pipelines (surface and buried).**
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed **immediately** upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.

- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

- **Interim Reclamation:**

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

- **Final reclamation:**

Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- Once the location is plugged and abandoned, it shall be recontoured to natural topology, topsoil shall be respread, and the entire location shall be seeded with a seed mix recommended by the AO (see above). Seed application will follow all guidelines in the final seed mix bullet statement above.

- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- None

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be

filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-75038

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

BLACK JACK

8. Well Name and No.

BLACKJACK FED L-4-9-17

9. API Well No.

43-013-33921

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

1895 FNL 1998 FEL SW/NE Section 4, T9S R17E

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 03-16-09
By: [Signature]

COPY SENT TO OPERATOR

Date: 3.18.2009
Initials: KS

RECEIVED
MAR 19 2009

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

3/3/2009

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33921
Well Name: Blackjack Federal L-4-9-17
Location: SW/NE Section 4,T9S R17E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 3/20/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

3/3/2009

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

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MAR 09 2009

DIV. OF OIL, GAS & MINING

Spud
BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# 29 Submitted By
Reed Durfey Phone Number 823-5566
Well Name/Number Blackjack Federal L-4-9-17
Qtr/Qtr SW/NE Section 4 Township 9S Range 17E
Lease Serial Number UTU-75038
API Number 43-013-33921

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time July 28,2009 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time July 28,2009 1:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

4301350011

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	17344	4301335011	HANCOCK 2-26-4-1	NWNE	26	4S	1W	DUCHESNE	7/24/2009	8/13/09
WELL 1 COMMENTS: GRPV											
A	99999	17345	4301333969	FEDERAL 12-9-9-16	NWSW	9	9S	16E	DUCHESNE	7/27/2009	8/13/09
GRPV											
B	99999	12704	4301333921	BLACKJACK FEDERAL L-4-9-17	SWNE	4	9S	17E	DUCHESNE	7/28/2009	8/13/09
GRPV BHL = SWNE											
B	99999	12391	4301334070	GREATER BOUNDARY II N-29-8-17	SENW	29	8S	17E	DUCHESNE	7/23/2009	8/13/09
GRPV BHL = SENW											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

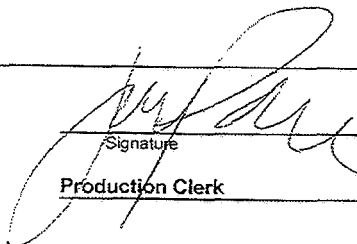
- A - new entity for new well (single well only)
- B - well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - other (explain in comments section)

NOTE Use COMMENT section to explain why each Action Code was selected

RECEIVED

JUL 30 2009

DIV. OF OIL, GAS & MINING

Signature: 
Jentri Park
Production Clerk
07/31/09
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNE Section 4 T9S R17E

5. Lease Serial No.

USA UTU-75038

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
BLACKJACK UNIT

8. Well Name and No.

BLACKJACK FEDERAL L-4-9-17

9. API Well No.

4301333921

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 7-28-09 MIRU Ross Rig #29. Drill 320' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 320.70'. On 8-1-09 BJ cemented with 160 sks of Class "G" w/ 2% CaCl+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 5 bbls cement to pit.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Nathan Rutledge

Signature

Title

Field Engineer

Date

08/03/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

AUG 12 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT

320.7

LAST CASING 8 5/8" SET AT 320.7

DATUM 12

DATUM TO CUT OFF CASING

DATUM TO BRADENHEAD FLANGE

TD DRILLER **320** LOGGER

HOLE SIZE 12 1/4"

OPERATOR **Newfield Exploration Company**

WELL BLACKJACK L-4-9-17

FIELD/PROSPECT **Monument Butte**

CONTRACTOR & RIG # **Ross #29**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1	8 5/8"	WH				A	0.95
7	8 5/8"	Surface Csg	24	J-55	LTC	A	308.85
1	8 5/8"	Float Equipt				A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			310.7
TOTAL LENGTH OF STRING		310.7	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			320.70
TOTAL		308.85	7				
TOTAL CSG. DEL. (W/O THRDS)		308.85	7	} COMPARE			
TIMING							
BEGIN RUN CSG.	Spud	3:00 PM	7/28/2009	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		3:30 PM	7/28/2009	Bbls CMT CIRC TO SURFACE		5	
BEGIN CIRC		9:58 AM	8/1/2009	RECIPROCATED PIP		No	
BEGIN PUMP CMT		10:01 AM	8/1/2009				
BEGIN DSPL. CMT		10:25 AM	8/1/2009	BUMPED PLUG TO		420	
PLUG DOWN		10:34 AM	8/1/2009				

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
middle of first, top of first, and top of second. Total 3 centralizers	

COMPANY REPRESENTATIVE **Nathan Rutledge** DATE **8/1/2009**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address

Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNE Section 4 T9S R17E

5. Lease Serial No.

USA UTU-75038

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

BLACKJACK UNIT

8. Well Name and No.

BLACKJACK FEDERAL L-4-9-17

9. API Well No.

4301333921

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	Weekly Status Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9/28/09 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 264'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6136'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 1129 jt's of 5.5 J-55, 15.5# csgn. Set @ 6134.01' / KB. Cement with 290 sks cement mixed @ 11.0 ppg & 3.43 yld. The 380 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 38 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 95,000 #'s tension. Release rig @ 6:00 pm 10/4/09.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Title

Drilling Foreman

Signature

Date

10/05/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

OCT 07 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2"	CASING SET AT	6134.01
--------	---------------	---------

LAST CASING	<u>8 5/8"</u>	SET AT	<u>320</u>
DATUM	<u>12.00</u>		
DATUM TO CUT OFF CASING		<u>12.00</u>	
DATUM TO BRADENHEAD FLANGE		<u>12.00</u>	
TD DRILLER	<u>6136</u>	LOGC	<u>6135</u>
HOLE SIZE	<u>7 7/8"</u>		

OPERATOR Newfield Exploration Company
WELL BLACKJACK L-4-9-17
FIELD/PROSPECT Monument Butte
CONTRACTOR & RIG # NDSI # 2

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
1	5 1/2"	Landing Jt	15.5#	J-55	8rd	A	14
146	5 1/2"	LT&C Casing	15.5#	J-55	8rd	A	6075.65
1	5 1/2"	Float Collar	-----	-----	8rd	A	0.6
1	5 1/2"	LT&C Casing	15.5##	J-55	8rd	A	45.11
1	5 1/2"	Guide Shoe	---	----	8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6136.01
TOTAL LENGTH OF STRING		6136.01		LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		165.38	4	CASING SET DEPTH			6,134.01
TOTAL		6286.14	4	} COMPARE			
TOTAL CSG. DEL. (W/O THRS)		6286.14	151				
TIMING							
BEGIN RUN CSG.	Spud	6:30 AM	10/4/2009	GOOD CIRC THRU JOB		Yes	
CSG. IN HOLE		10:30 AM	10/4/2009	Bbls CMT CIRC TO SURFACE		38	
BEGIN CIRC		10:45 AM	10/4/2009	RECIPROCATED PIP		Yes	
BEGIN PUMP CMT		12:01 PM	10/4/2009				
BEGIN DSPL. CMT		12:56 PM	10/4/2009	BUMPED PLUG TO		2200	
PLUG DOWN		1:19 PM	10/4/2009				

[illegible]

COMPANY REPRESENTATIVE

Don Bastian

DATE 10/4/2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-75038
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: BLACKJACK UNIT
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: BLACKJACK FEDERAL L-4-9-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		9. API NUMBER: 4301333921
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWNE, 4, T9S, R17E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
10/27/2009	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 10-27-09, attached is a daily completion status report.

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Production Tech

SIGNATURE

DATE 10/29/2009

(This space for State use only)

RECEIVED

NOV 02 2009

DIV. OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****BLACKJACK L-4-9-17****8/1/2009 To 12/30/2009****10/19/2009 Day: 1****Completion**

Rigless on 10/19/2009 - CBL/Pererate 1st stage. - RU frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head & valves & BOP's to 4500 psi. RU Perforators LLC WLT & packoff w/ mast. Run CBL under pressure. WLTD was 6038' w/ cement top @ 48'. RIH w/ 3-1/8" Slick Guns (19 gram, .49"EH, 120°) w/ 3 spf for total of 21 shots. RD WLT. SIFN w/ 149 bbls EWTR.

Daily Cost: \$0**Cumulative Cost:** \$10,756**10/21/2009 Day: 2****Completion**

Rigless on 10/21/2009 - Frac well & flow well back. - Stage #2: RU WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 3', 3', 3', 3' perf guns. Set plug @ 5798'. Pererate CP3 sds @ 5772-75', CP2 sds @ 5728-31', CP1 sds @ 5680-83', 5667-70' w/ 3-1/8" Slick Guns (16 gram, .34"EH, 120°) w/ 3 spf for total of 36 shots (misfire on guns). RU BJ & open well w/ 1345 psi on casing. Perfs broke down @ 3268 psi back to 2720 psi w/ 4 bbls @ 3 bpm. ISIP was 1606 w/ .72FG. 1 min was 1423. 4 min was 1397. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 100,685#'s of sand in 782 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2376 @ ave rate of 46 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1986 w/ .79FG. 5 min was 1742. 10 min was 1655. 15 min was 1633. Leave pressure on well. 1201 Bbls EWTR. - Stage #3: RU WLT. RIH w/ frac plug 4', 6' perf guns. Set plug @ 5230'. Pererate B2 sds @ 5129-33', B.5 sds @ 5046-52' w/ 3 spf for total of 30 shots. RU BJ & open well w/ 1487 psi on casing. Perfs broke down @ 1864 psi back to 1654 psi w/ 5 bbls @ 35 bpm. ISIP was 1522 w/ .74FG. Pressure to low. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 70,413#'s of sand in 587 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2197 @ ave rate of 41 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1868 w/ .81FG. Leave pressure on well. 1788 Bbls EWTR. - Stage #4: RU WLT. RIH w/ frac plug 4', 2', 3', 4' perf guns. Set plug @ 4856'. Pererate DS3 sds @ 4752-56', 4746-48', 4735-38', 4722-26' w/ 3 spf for total of 39 shots. RU BJ & open well w/ 1417 psi on casing. Perfs broke down @ 2993 psi back to 1718 psi w/ 5 bbls @ 7 bpm. ISIP was 1486 w/ .75FG. Pressure to low. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 65,170#'s of sand in 549 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2144 @ ave rate of 41 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2034 w/ .87FG. Leave pressure on well. 2337 Bbls EWTR. - Stage #5: RU WLT. RIH w/ frac plug 6', 2' perf guns. Set plug @ 4456'. Pererate GB6 sds @ 4350-56', GB4 4283-85' w/ 3 spf for total of 24 shots. RU BJ & open well w/ 1505 psi on casing. Perfs broke down @ 1893 psi back to 1800 psi w/ 5 bbls @ 3 bpm. ISIP was 1800 w/ .86FG. Pressure to low. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 29,796#'s of sand in 366 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 2206 @ ave rate of 35 bpm w/ 6 ppg of sand. ISIP was 1865 w/ .87FG. RD BJ & WLT. Flow well back. Well flowed for 7 hours. 1703 Bbls EWTR. SIFN. - RU BJ Services "Ram Head" frac flange. RU BJ & open well w/ 0 psi on casing. Perfs broke down @ 3407 psi back to 2304 psi w/ 4 bbls @ 3 bpm. ISIP was 1690 w/ .73FG. 1 min was 1585. 4 min was 1431. Pump 30 gals of Techni Hib chemical @ 4% by volume. Frac w/ 9857#'s of sand in 270 bbls of Lightning 17 frac fluid. Treated @ ave pressure of 3102 @ ave rate of 27 bpm w/ 6 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 1947 w/ .77FG. 5 min was 1860. 10 min was 1775. 15 min was 1726. Leave pressure on well. 419 Bbls EWTR. -

Daily Cost: \$0**Cumulative Cost:** \$102,572

10/22/2009 Day: 3**Completion**

WWS #1 on 10/22/2009 - Move in rig & set kill plug. - MIRUSU. Open well w/ 450 psi on casing. RU Perforators LLC WLT & lubricator. RIH w/ 5-1/2" Weatherford (6K) composite solid plug. Set plug @ 4206'. RU WLT. RD Cameron BOP's & frac head. Instal 3M production tbg head & Schefer BOP's. RU 4-3/4" Chomp mill & x-over sub. Tally, pickup & TIH w/ new J-55, 2-7/8", 6.5# tbg. Tag plug. LD 3 jts. Circulate well clean. Leave EOT @ 4128'. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$141,043

10/26/2009 Day: 5**Completion**

WWS #1 on 10/26/2009 - TIH w/ production tbg. - Open well w/ 0 psi on casing. TIH w/ tbg to tag plug @ 4206'. Drlg out plug in 13 min. TIH w/ tbg to tag plug @ 4456'. Drlg out plug #1. TIH w/ tbg to tag plug @ 4856'. Drlg out plug #2. TIH w/ tbg to tag plug @ 5230'. Drlg out plug #3. TIH w/ tbg to tag plug @ 5798'. Drlg out plug #4. TIH w/ tbg to tag fill @ 6000'. C/O to PBTD @ 6087'. LD2 jts tbg. RU swab equipment. Made 6 runs & well started to flow. Mase 160 bbls total. RD swab. SIFN. - Open well w/ 0 psi on casing. TIH w/ tbg to tag plug @ 4206'. Drlg out plug in 13 min. TIH w/ tbg to tag plug @ 4456'. Drlg out plug #1. TIH w/ tbg to tag plug @ 4856'. Drlg out plug #2. TIH w/ tbg to tag plug @ 5230'. Drlg out plug #3. TIH w/ tbg to tag plug @ 5798'. Drlg out plug #4. TIH w/ tbg to tag fill @ 6000'. C/O to PBTD @ 6087'. LD2 jts tbg. RU swab equipment. Made 6 runs & well started to flow. Mase 160 bbls total. RD swab. SIFN. - Open well w/ 500 psi on casing. Circulate oil & water to production tank. TIH w/ 2 jts & tag no new sand. TOO H w/ tbg. 50 stds out circulate well again. TOO H w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new CDI w/ 45,000# shear, 179 jts tbg. Circulate well. RD BOP's. Well started to flow before get TA set. Put BOP's back on. Circulate well for 1 hour. RD BOP's. Set TA @ 5825' w/ 18,000#'s tension w/ SN @ 5859' & EOT @ 5925'. RD tbg equipment. 1420 bbls EWTR. SIFN. - Open well w/ 500 psi on casing. Circulate oil & water to production tank. TIH w/ 2 jts & tag no new sand. TOO H w/ tbg. 50 stds out circulate well again. TOO H w/ tbg. LD mill & x-over sub. TIH w/ NC, 2 jts tbg, SN, 1 jt tbg, TA new CDI w/ 45,000# shear, 179 jts tbg. Circulate well. RD BOP's. Well started to flow before get TA set. Put BOP's back on. Circulate well for 1 hour. RD BOP's. Set TA @ 5825' w/ 18,000#'s tension w/ SN @ 5859' & EOT @ 5925'. RD tbg equipment. 1420 bbls EWTR. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$152,968

10/27/2009 Day: 6**Completion**

WWS #1 on 10/27/2009 - Put well on pump. - Open well w/ 250 psi on casing. Circulate well to production tanks. Pickup & prime pump. TIH w/ new 2-1/2" x 1-3/4" x 17' x 24' RHAC CDI pump w/ 176"SL. 4- 1-1/2" weight rods, 229- 7/8" guided rods (1/2 used) 8 per rod, 2', 4', 6' x 7/8" pony rod, 1-1/2" x 30' polish rod. Space pump. Test tbg & pump to 800 psi. POP @ 12PM w/ 6 spm w/ 144"SL w/ 1400 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$200,955

Pertinent Files: [Go to File List](#)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SWNE Section 4 T9S R17E

5. Lease Serial No.

USA UTU-75038

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

BLACKJACK UNIT

8. Well Name and No.

BLACKJACK FEDERAL L-4-9-17

9. API Well No.

4301333921

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The above subject well was completed on 10-27-09, attached is a daily completion status report.

I hereby certify that the foregoing is true and
correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature

Title

Production Tech

Date

10/29/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or
certify that the applicant holds legal or equitable title to those rights in the subject lease
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United
States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. UTU-75039			
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						6. If Indian, Allottee or Tribe Name NA			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						7. Unit or CA Agreement Name and No. BLACKJACK			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202						8. Lease Name and Well No. BLACKJACK FEDERAL L-4-9-17			
3a. Phone No. (include area code) (435)646-3721						9. AFI Well No. 43-013-33921			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1895' FNL & 1998' FEL (SW/NE) SEC. 4, T9S, R17E At top prod. interval reported below BHL: 2605' FNL & 1345' FEL (SW/NE) At total depth 6136' 1739 fnl 1230 fel per HSM review						10. Field and Pool or Exploratory MONUMENT BUTTE			
14. Date Spudded 07/28/2009						11. Sec., T., R., M., on Block and Survey or Area SEC. 4, T9S, R17E			
15. Date T.D. Reached 10/05/2009						12. County or Parish DUCHESENE		13. State UT	
16. Date Completed 10/27/2009 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						17. Elevations (DF, RKB, RT, GL)* 5169' GL 5181' KB			
18. Total Depth: MD 6136' TVD 6010'						19. Plug Back T.D.: MD 6087' TVD 5962'			
20. Depth Bridge Plug Set: MD TVD						21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND			
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		320'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		6134'		290 PRIMLITE		48'	
						380 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT @ 5926'	TA @ 5823'							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) GREEN RIVER			(CP4) 5840-5847'	.49"	3	21			
B) GREEN RIVER			(CP3) 5772-5775'	.49"	3	9			
C) GREEN RIVER			(CP2) 5728-5731'	.49"	3	9			
D) SEE BELOW									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
5840-5847'	Frac w/ 9857# of 20/40 snd 60 bbls fluid (CP4)								
5667-5775'	Frac w/ 100685# 20/40 snd 432 bbls fluid (CP3, CP2, & CP1)								
5046-5133'	Frac w/ 70413# 20/40 snd 304 bbls fluid (B2 & B.5)								
4722-4756'	Frac w/ 65170# 20/40 snd 283 bbls fluid (DS3)								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/27/09	11/08/09	24	→	78	24	-38			2-1/2" x 1-3/4" x 17' x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status PRODUCING	
			→						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

RECEIVED
DEC 08 2009
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3783' 3976'
				GARDEN GULCH 2 POINT 3	4093' 4364'
				X MRKR Y MRKR	4602' 4639'
				DOUGALS CREEK MRK BI CARBONATE MRK	4774' 5011'
				B LIMESTON MRK CASTLE PEAK	5158' 5620'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	6037' 6135'

32. Additional remarks (include plugging procedure):

(CP1) 5667-5683' .49" 3/18 5164-5182'
 (B2) 5129-5133' .49" 3/12 4950-4958
 (B.5) 5046-5052' .49" 3/18 4784-4792'
 (DS3) 4722-4756' .49" 3/39 4784-4792'
 (GB6) 4350-4356' .49" 3/18 4784-4792'
 (GB4) 4283-4285' .49" 3/6 4784-4792' Frac w/ 29796#'s of 20/40 sand in 169 bbls of fluid (GB6 & GB4)

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature

Date 12/02/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 4 T9S R17E

L-4-9-17

Wellbore #1

Design: Wellbore #1

Standard Survey Report

19 October, 2009





HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 4 T9S R17E
Well: L-4-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well L-4-9-17
TVD Reference: L-4-9-17 @ 5181.0ft
MD Reference: L-4-9-17 @ 5181.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone	Using geodetic scale factor	

Site SECTION 4 T9S R17E

Site Position:		Northing:	7,194,100.00 ft	Latitude:	40° 3' 36.542 N
From:	Lat/Long	Easting:	2,057,000.00 ft	Longitude:	110° 0' 41.593 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.95 °

Well L-4-9-17, SHL LAT: 40 03 43.16, -110 00 33.43

Well Position	+N/-S	0.0 ft	Northing:	7,194,780.07 ft	Latitude:	40° 3' 43.160 N
	+E/-W	0.0 ft	Easting:	2,057,623.39 ft	Longitude:	110° 0' 33.430 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	0.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2009/08/18	11.51	65.87	52,500

Design Wellbore #1

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
-----------------	-----	---------------	--------	----------------------	-----

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	137.45

Survey Program Date 2009/10/19

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
327.0	6,136.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

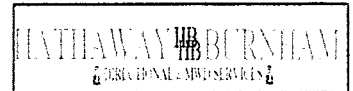
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
327.0	0.85	147.27	327.0	-2.0	1.3	2.4	0.26	0.26	0.00
358.0	0.80	167.01	358.0	-2.4	1.5	2.8	0.93	-0.16	63.68
389.0	0.97	124.38	389.0	-2.8	1.7	3.2	2.14	0.55	-137.52
419.0	1.49	109.25	419.0	-3.1	2.3	3.8	2.03	1.73	-50.43
450.0	1.85	89.49	450.0	-3.2	3.2	4.5	2.17	1.16	-63.74
480.0	2.29	81.54	479.9	-3.1	4.3	5.2	1.75	1.47	-26.50
511.0	3.12	77.52	510.9	-2.8	5.7	6.0	2.74	2.68	-12.97
541.0	3.36	79.03	540.9	-2.5	7.4	6.8	0.85	0.80	5.03
572.0	4.04	85.76	571.8	-2.2	9.4	8.0	2.60	2.19	21.71
602.0	4.44	85.78	601.7	-2.1	11.6	9.4	1.33	1.33	0.07
633.0	4.79	89.86	632.6	-2.0	14.1	11.0	1.55	1.13	13.16
663.0	5.27	95.75	662.5	-2.1	16.7	12.8	2.35	1.60	19.63

Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 4 T9S R17E
Well: L-4-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well L-4-9-17
TVD Reference: L-4-9-17 @ 5181.0ft
MD Reference: L-4-9-17 @ 5181.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
694.0	5.34	95.29	693.4	-2.4	19.5	15.0	0.26	0.23	-1.48
725.0	6.04	96.22	724.2	-2.7	22.6	17.3	2.28	2.26	3.00
755.0	6.06	96.90	754.0	-3.1	25.7	19.7	0.25	0.07	2.27
786.0	6.42	93.05	784.9	-3.4	29.1	22.1	1.78	1.16	-12.42
817.0	6.39	88.17	815.7	-3.4	32.6	24.5	1.76	-0.10	-15.74
847.0	6.88	87.97	845.5	-3.3	36.0	26.8	1.64	1.63	-0.67
877.0	7.08	88.13	875.2	-3.2	39.7	29.1	0.67	0.67	0.53
909.0	7.67	92.15	907.0	-3.2	43.8	31.9	2.45	1.84	12.56
941.0	7.84	91.91	938.7	-3.3	48.1	35.0	0.54	0.53	-0.75
972.0	8.26	97.60	969.4	-3.7	52.4	38.2	2.90	1.35	18.35
1,004.0	9.01	99.29	1,001.0	-4.4	57.2	41.9	2.47	2.34	5.28
1,036.0	9.40	101.69	1,032.6	-5.3	62.2	46.0	1.71	1.22	7.50
1,067.0	9.54	102.48	1,063.2	-6.4	67.2	50.1	0.62	0.45	2.55
1,099.0	9.54	105.60	1,094.7	-7.7	72.3	54.6	1.62	0.00	9.75
1,131.0	10.11	108.50	1,126.3	-9.3	77.5	59.3	2.36	1.78	9.06
1,162.0	10.39	114.43	1,156.8	-11.3	82.7	64.2	3.52	0.90	19.13
1,194.0	10.68	116.63	1,188.2	-13.8	87.9	69.7	1.55	0.91	6.88
1,226.0	11.25	119.13	1,219.7	-16.7	93.3	75.4	2.32	1.78	7.81
1,257.0	11.62	122.34	1,250.0	-19.8	98.6	81.3	2.37	1.19	10.35
1,289.0	11.56	125.35	1,281.4	-23.4	103.9	87.5	1.90	-0.19	9.41
1,321.0	11.84	126.91	1,312.7	-27.2	109.2	93.9	1.32	0.88	4.88
1,353.0	11.93	126.82	1,344.0	-31.2	114.4	100.4	0.29	0.28	-0.28
1,384.0	12.62	128.94	1,374.3	-35.2	119.6	106.9	2.66	2.23	6.84
1,416.0	12.57	129.90	1,405.6	-39.7	125.0	113.8	0.67	-0.16	3.00
1,448.0	12.85	133.13	1,436.8	-44.3	130.3	120.8	2.39	0.88	10.09
1,479.0	13.05	132.76	1,467.0	-49.1	135.4	127.7	0.70	0.65	-1.19
1,511.0	13.10	134.03	1,498.2	-54.0	140.6	134.9	0.91	0.16	3.97
1,543.0	13.07	137.13	1,529.3	-59.2	145.7	142.2	2.19	-0.09	9.69
1,574.0	13.56	137.17	1,559.5	-64.4	150.6	149.3	1.58	1.58	0.13
1,606.0	13.32	136.42	1,590.6	-69.9	155.7	156.7	0.93	-0.75	-2.34
1,638.0	13.23	138.38	1,621.8	-75.3	160.6	164.1	1.43	-0.28	6.13
1,669.0	12.96	139.48	1,652.0	-80.6	165.2	171.1	1.19	-0.87	3.55
1,765.0	12.15	142.84	1,745.7	-96.8	178.3	191.9	1.14	-0.84	3.50
1,861.0	12.15	146.77	1,839.5	-113.3	190.0	211.9	0.86	0.00	4.09
1,955.0	11.38	150.11	1,931.5	-129.6	200.0	230.8	1.09	-0.82	3.55
2,050.0	12.04	147.15	2,024.6	-146.1	210.1	249.7	0.94	0.69	-3.12
2,145.0	11.95	147.89	2,117.5	-162.7	220.7	269.1	0.19	-0.09	0.78
2,240.0	12.52	146.14	2,210.3	-179.6	231.6	289.0	0.72	0.60	-1.84
2,335.0	13.03	142.05	2,303.0	-196.6	244.0	309.8	1.09	0.54	-4.31
2,430.0	14.02	140.74	2,395.3	-214.0	257.8	332.0	1.09	1.04	-1.38
2,525.0	13.05	141.74	2,487.7	-231.3	271.8	354.2	1.05	-1.02	1.05
2,621.0	12.52	143.13	2,581.3	-248.1	284.7	375.3	0.64	-0.55	1.45
2,716.0	11.18	141.39	2,674.3	-263.6	296.6	394.8	1.46	-1.41	-1.83
2,810.0	11.65	141.74	2,766.4	-278.1	308.2	413.3	0.51	0.50	0.37
2,905.0	12.63	142.95	2,859.3	-293.9	320.4	433.2	1.07	1.03	1.27
3,000.0	12.11	143.85	2,952.1	-310.3	332.5	453.5	0.58	-0.55	0.95
3,095.0	13.49	144.22	3,044.7	-327.3	344.9	474.4	1.46	1.45	0.39
3,190.0	12.66	142.34	3,137.3	-344.6	357.7	495.7	0.98	-0.87	-1.98
3,285.0	14.39	139.32	3,229.6	-361.7	371.8	517.9	1.97	1.82	-3.18
3,380.0	13.73	138.64	3,321.8	-379.2	386.9	541.0	0.72	-0.69	-0.72
3,476.0	13.54	137.98	3,415.1	-396.1	402.0	563.6	0.26	-0.20	-0.69
3,571.0	13.51	141.57	3,507.5	-413.0	416.3	585.8	0.88	-0.03	3.78
3,666.0	13.58	142.91	3,599.8	-430.6	429.9	608.0	0.34	0.07	1.41
3,761.0	12.81	142.93	3,692.3	-447.9	443.0	629.6	0.81	-0.81	0.02



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 4 T9S R17E
Well: L-4-9-17
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well L-4-9-17
TVD Reference: L-4-9-17 @ 5181.0ft
MD Reference: L-4-9-17 @ 5181.0ft
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,856.0	11.33	143.82	3,785.2	-463.8	454.9	649.3	1.57	-1.56	0.94
3,951.0	11.78	146.16	3,878.3	-479.4	465.8	668.2	0.68	0.47	2.46
4,046.0	12.57	144.25	3,971.1	-495.9	477.2	688.0	0.93	0.83	-2.01
4,140.0	12.92	144.64	4,062.8	-512.7	489.3	708.6	0.38	0.37	0.41
4,235.0	13.32	141.92	4,155.3	-530.0	502.2	730.1	0.77	0.42	-2.86
4,330.0	13.43	140.20	4,247.8	-547.1	516.0	752.0	0.43	0.12	-1.81
4,426.0	12.43	140.20	4,341.3	-563.6	529.7	773.4	1.04	-1.04	0.00
4,520.0	12.11	140.73	4,433.2	-579.0	542.5	793.4	0.36	-0.34	0.56
4,616.0	12.46	138.69	4,527.0	-594.6	555.7	813.8	0.58	0.36	-2.13
4,712.0	12.85	138.95	4,620.7	-610.4	569.5	834.8	0.41	0.41	0.27
4,807.0	13.21	138.64	4,713.2	-626.5	583.6	856.2	0.39	0.38	-0.33
4,902.0	13.05	141.65	4,805.7	-643.1	597.5	877.8	0.74	-0.17	3.17
4,996.0	12.37	142.25	4,897.4	-659.4	610.2	898.4	0.74	-0.72	0.64
5,091.0	13.32	143.50	4,990.0	-676.2	622.9	919.4	1.04	1.00	1.32
5,186.0	13.29	144.31	5,082.5	-693.9	635.8	941.1	0.20	-0.03	0.85
5,281.0	13.34	141.32	5,174.9	-711.3	649.0	962.9	0.73	0.05	-3.15
5,305.5	13.32	140.86	5,198.8	-715.7	652.6	968.6	0.44	-0.08	-1.89
L-4-9-17 T1									
5,376.0	13.27	139.52	5,267.4	-728.2	663.0	984.8	0.44	-0.07	-1.90
5,472.0	12.59	140.56	5,361.0	-744.6	676.8	1,006.2	0.75	-0.71	1.08
5,567.0	12.26	139.30	5,453.7	-760.3	689.9	1,026.6	0.45	-0.35	-1.33
5,662.0	12.99	135.66	5,546.4	-775.6	704.0	1,047.4	1.14	0.77	-3.83
5,757.0	13.75	133.83	5,638.9	-791.0	719.6	1,069.3	0.92	0.80	-1.93
5,852.0	12.37	135.92	5,731.4	-806.1	734.8	1,090.8	1.54	-1.45	2.20
5,946.0	11.40	138.93	5,823.4	-820.4	747.9	1,110.1	1.22	-1.03	3.20
6,041.0	9.47	139.21	5,916.8	-833.4	759.2	1,127.3	2.03	-2.03	0.29
6,078.0	8.46	141.76	5,953.4	-837.8	762.9	1,133.1	2.93	-2.73	6.89
6,136.0	8.00	142.20	6,010.8	-844.4	768.0	1,141.4	0.80	-0.79	0.76

Wellbore Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
L-4-9-17 T1	0.00	0.00	5,200.0	-709.8	651.6	7,194,081.26	2,058,286.66	40° 3' 36.145 N	110° 0' 25.050 W
- actual wellpath misses by 6.1ft at 5305.5ft MD (5198.8 TVD, -715.7 N, 652.6 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____



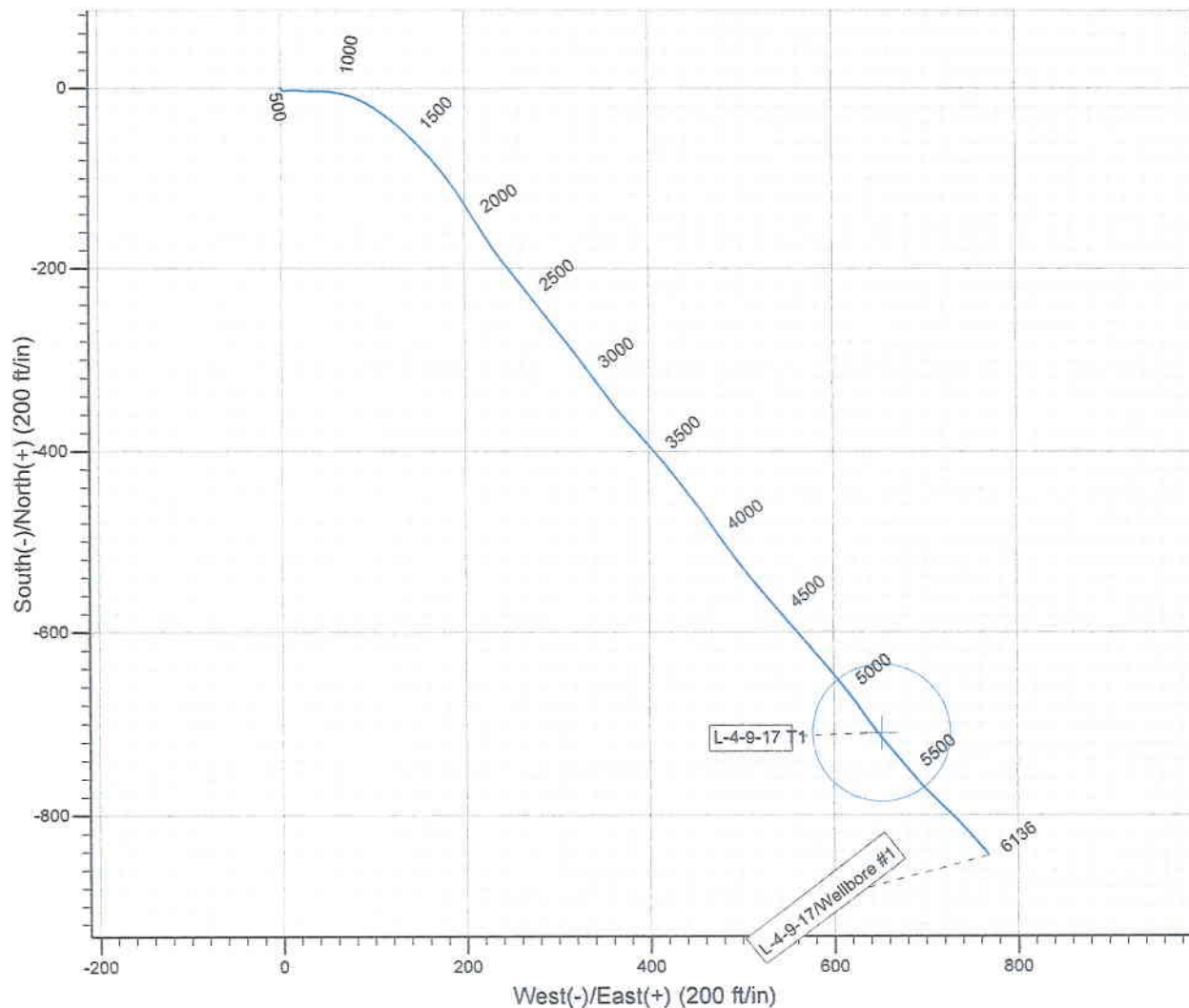
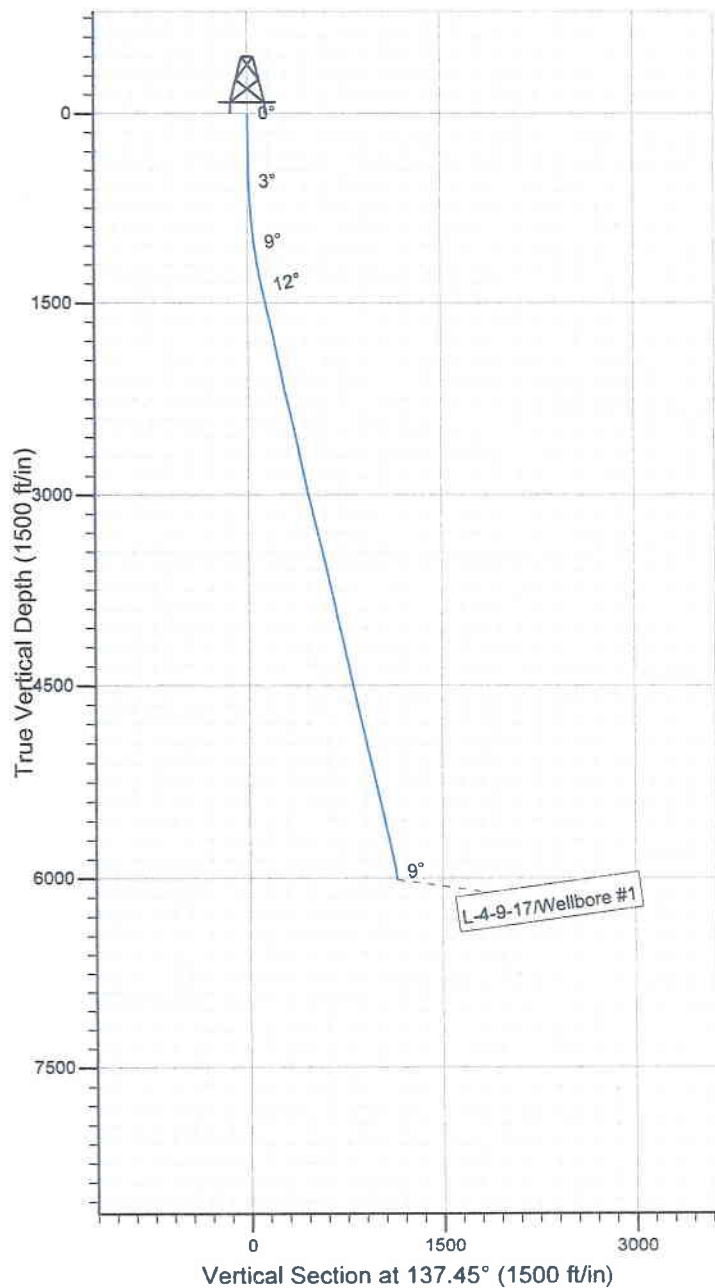
Project: USGS Myton SW (UT)
 Site: SECTION 4 T9S R17E
 Well: L-4-9-17
 Wellbore: Wellbore #1
 SURVEY: Wellbore #1

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.51°

Magnetic Field
 Strength: 52500.3nT
 Dip Angle: 65.87°
 Date: 2009/08/18
 Model: IGRF200510



Design: Wellbore #1 (L-4-9-17/Wellbore #1)

Created By: *Tom Hudson* Date: 19:38, October 19 2009
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

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H      HEADER  INFORMATION-----
H      COMPANY :      NEWFIELD      EXPLORATION
H      FIELD   :      USGS           Myton      SW      (UT)
H      SITE    :      SECTION        4 T9S      R17E
H      WELL    :      L-4-9-17
H      WELLPATH Wellbore #1
H      DEPTHUNT ft
H      SURVDATE 10/19/2009
H      DECLINATK CORR.
H      =      10.56 TO      GRIDH-----
H      WELL    INFORMATION
H      WELL    EW      MAP      :      2057623
H      WELL    NS      MAP      :      7194780
H      DATUM    ELEVN    :      5181
H      VSECT    ANGLE    :      137.45
H      VSECT    NORTH    :      0
H      VSECT    EAST     :      0
H-----
H      SURVEY  TYPE      INFORMATION
H      327 -      6136 SURVEY      #1      :      MWD
H-----
H      SURVEY  LIST
MD      INC      AZI      TVD      NS      EW      VS      DLS
      0      0      0      0      0      0      0      0
      327      0.85      147.27      326.99      -2.04      1.31      2.39      0.26
      358      0.8      167.01      357.98      -2.44      1.48      2.8      0.93
      389      0.97      124.38      388.98      -2.8      1.75      3.25      2.14
      419      1.49      109.25      418.97      -3.08      2.33      3.84      2.03
      450      1.85      89.49      449.96      -3.2      3.21      4.53      2.17
      480      2.29      81.54      479.94      -3.11      4.29      5.19      1.75
      511      3.12      77.52      510.91      -2.84      5.72      5.96      2.74
      541      3.36      79.03      540.86      -2.49      7.38      6.83      0.85
      572      4.04      85.76      571.79      -2.24      9.36      7.98      2.6
      602      4.44      85.78      601.71      -2.08      11.57      9.36      1.33
      633      4.79      89.86      632.61      -1.99      14.07      10.97      1.55
      663      5.27      95.75      662.5      -2.12      16.69      12.85      2.35
      694      5.34      95.29      693.36      -2.4      19.54      14.98      0.26
      725      6.04      96.22      724.21      -2.71      22.6      17.28      2.28
      755      6.06      96.9      754.04      -3.07      25.74      19.67      0.25
      786      6.42      93.05      784.86      -3.36      29.1      22.15      1.78
      817      6.39      88.17      815.67      -3.39      32.55      24.51      1.76
      847      6.88      87.97      845.47      -3.28      36.02      26.77      1.64
      877      7.08      88.13      875.24      -3.15      39.66      29.14      0.67
      909      7.67      92.15      906.98      -3.17      43.76      31.93      2.45
      941      7.84      91.91      938.69      -3.32      48.08      34.96      0.54
      972      8.26      97.6      969.38      -3.69      52.4      38.15      2.9
      1004      9.01      99.29      1001.02      -4.39      57.15      41.89      2.47

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1036	9.4	101.69	1032.61	-5.33	62.18	45.98	1.71
1067	9.54	102.48	1063.18	-6.4	67.17	50.14	0.62
1099	9.54	105.6	1094.74	-7.68	72.31	54.56	1.62
1131	10.11	108.5	1126.27	-9.29	77.53	59.27	2.36
1162	10.39	114.43	1156.78	-11.31	82.66	64.23	3.52
1194	10.68	116.63	1188.24	-13.83	87.93	69.65	1.55
1226	11.25	119.13	1219.65	-16.68	93.31	75.39	2.32
1257	11.62	122.34	1250.04	-19.82	98.59	81.27	2.37
1289	11.56	125.35	1281.39	-23.4	103.93	87.52	1.9
1321	11.84	126.91	1312.72	-27.23	109.17	93.88	1.32
1353	11.93	126.82	1344.04	-31.18	114.44	100.36	0.29
1384	12.62	128.94	1374.33	-35.23	119.64	106.86	2.66
1416	12.57	129.9	1405.56	-39.66	125.03	113.77	0.67
1448	12.85	133.13	1436.77	-44.33	130.3	120.77	2.39
1479	13.05	132.76	1466.99	-49.06	135.39	127.69	0.7
1511	13.1	134.03	1498.16	-54.03	140.65	134.91	0.91
1543	13.07	137.13	1529.33	-59.2	145.71	142.15	2.19
1574	13.56	137.17	1559.49	-64.44	150.57	149.29	1.58
1606	13.32	136.42	1590.62	-69.86	155.66	156.73	0.93
1638	13.23	138.38	1621.76	-75.27	160.63	164.08	1.43
1669	12.96	139.48	1651.95	-80.56	165.25	171.1	1.19
1765	12.15	142.84	1745.66	-96.8	178.35	191.91	1.14
1861	12.15	146.77	1839.51	-113.3	189.98	211.94	0.86
1955	11.38	150.11	1931.54	-129.61	200.03	230.75	1.09
2050	12.04	147.15	2024.56	-146.06	210.07	249.66	0.94
2145	11.95	147.89	2117.49	-162.72	220.68	269.1	0.19
2240	12.52	146.14	2210.33	-179.6	231.64	288.95	0.72
2335	13.03	142.05	2302.98	-196.6	243.96	309.81	1.09
2430	14.02	140.74	2395.34	-213.95	257.83	331.97	1.09
2525	13.05	141.74	2487.7	-231.28	271.76	354.16	1.05
2621	12.52	143.13	2581.32	-248.12	284.71	375.32	0.64
2716	11.18	141.39	2674.3	-263.55	296.64	394.75	1.46
2810	11.65	141.74	2766.44	-278.13	308.2	413.31	0.51
2905	12.63	142.95	2859.31	-293.95	320.4	433.21	1.07
3000	12.11	143.85	2952.11	-310.28	332.54	453.45	0.58
3095	13.49	144.22	3044.74	-327.32	344.89	474.36	1.46
3190	12.66	142.34	3137.28	-344.55	357.73	495.74	0.98
3285	14.39	139.32	3229.64	-361.75	371.79	517.91	1.97
3380	13.73	138.64	3321.8	-379.16	386.93	540.98	0.72
3476	13.54	137.98	3415.09	-396.06	401.98	563.61	0.26
3571	13.51	141.57	3507.46	-413.02	416.33	585.8	0.88
3666	13.58	142.91	3599.82	-430.61	429.95	607.97	0.34
3761	12.81	142.93	3692.31	-447.91	443.02	629.55	0.81
3856	11.33	143.82	3785.2	-463.84	454.88	649.31	1.57
3951	11.78	146.16	3878.28	-479.43	465.79	668.17	0.68
4046	12.57	144.25	3971.14	-495.87	477.23	688.02	0.93
4140	12.92	144.64	4062.83	-512.75	489.29	708.61	0.38

4235	13.32	141.92	4155.35	-530.02	502.18	730.05	0.77
4330	13.43	140.2	4247.77	-547.11	516	751.98	0.43
4426	12.43	140.2	4341.33	-563.62	529.75	773.44	1.04
4520	12.11	140.73	4433.19	-579.02	542.46	793.39	0.36
4616	12.46	138.69	4526.99	-594.6	555.67	813.8	0.58
4712	12.85	138.95	4620.66	-610.43	569.52	834.82	0.41
4807	13.21	138.64	4713.21	-626.54	583.63	856.24	0.39
4902	13.05	141.65	4805.73	-643.1	597.46	877.78	0.74
4996	12.37	142.25	4897.42	-659.38	610.21	898.4	0.74
5091	13.32	143.5	4990.05	-676.23	622.95	919.43	1.04
5186	13.29	144.31	5082.5	-693.89	635.83	941.15	0.2
5281	13.34	141.32	5174.94	-711.32	649.05	962.92	0.73
5376	13.27	139.52	5267.39	-728.17	662.97	984.76	0.44
5472	12.59	140.56	5360.96	-744.63	676.77	1006.21	0.75
5567	12.26	139.3	5453.73	-760.27	689.93	1026.63	0.45
5662	12.99	135.66	5546.44	-775.55	703.97	1047.39	1.14
5757	13.75	133.83	5638.86	-791.01	719.58	1069.33	0.92
5852	12.37	135.92	5731.4	-806.14	734.8	1090.77	1.54
5946	11.4	138.93	5823.39	-820.37	747.91	1110.12	1.22
6041	9.47	139.21	5916.81	-833.37	759.18	1127.32	2.03
6078	8.46	141.76	5953.36	-837.81	762.86	1133.08	2.93
6136	8	142.2	6010.76	-844.35	767.97	1141.35	0.8